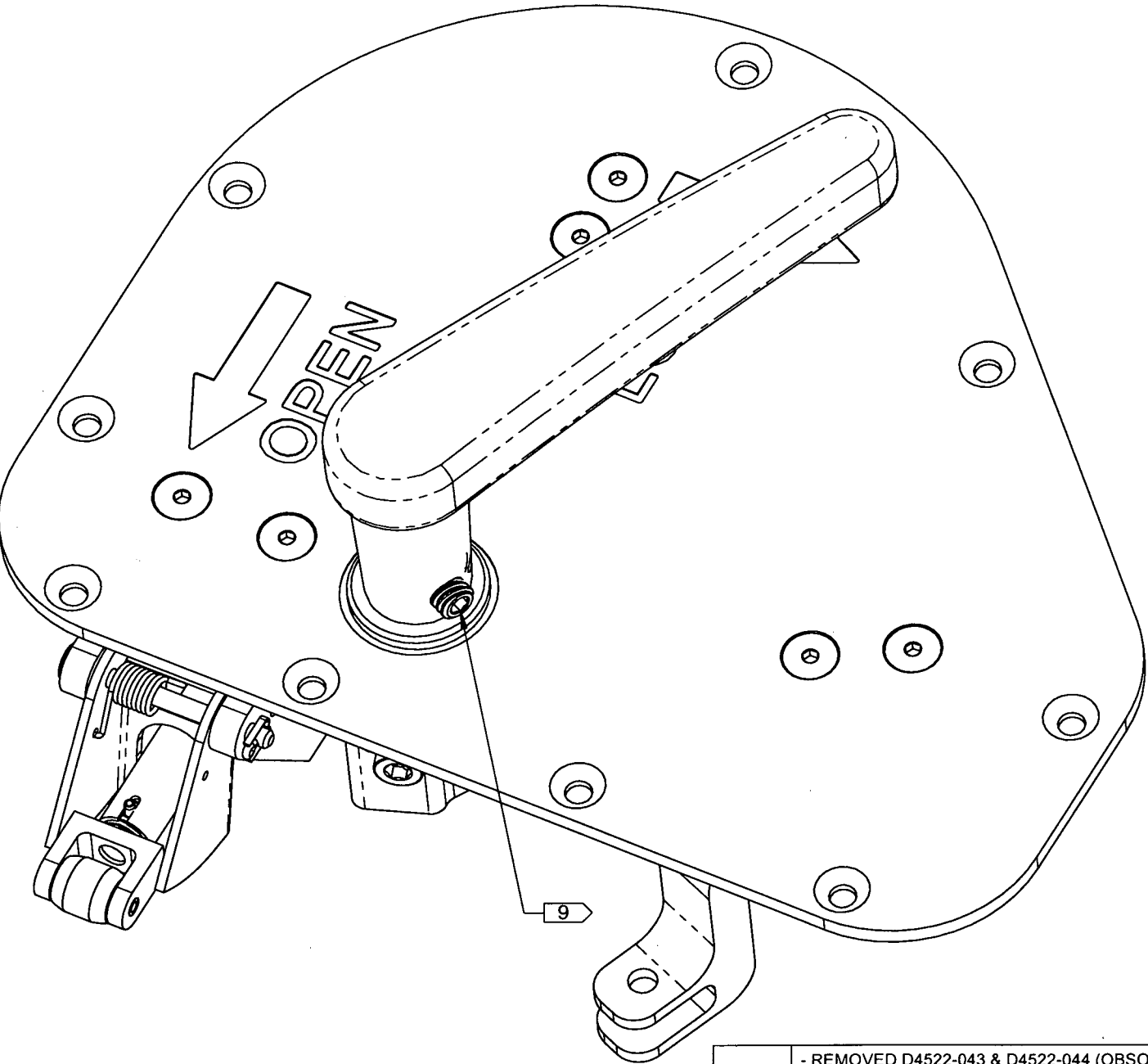


ITEM	QTY -041	P/N	DESCRIPTION
	X	D4522-041	DOOR LATCH ASSY, LH, OEM
1	1	D4522-1	BASE PLATE, OEM (LH)
2	1	D4522-9	VERTICAL SWING ARM
3	1	D4522-11	HANDLE SHAFT ARM
4	1	D4522-13	HANDLE SHAFT ADAPTER
5	2	D4522-17	LINKAGE
6	2	D4522-19	LINKAGE
7	2	D4522-21	LINKAGE
8	1	D4522-25	LATCH SHAFT
9	1	D4522-045	BASE, HORIZONTAL SWING ARM
10	1	D4522-047	BASE, VERTICAL SWING ARM
11	1	D4522-049	BASE, LATCH SHAFT
12	1	D4529-041	HORIZONTAL SWING ARM
13	1	D4530-041	LATCH ROLLER
14	1	D4531-1	LATCH SHAFT BRACKET
15	1	D4574-1	INTERIOR L-HANDLE
16	1	D4588-1	TORSION SPRING
17	1	D4626-1	EXTENSION SPRING
18	1	MS-20995-C20	LOCK WIRE
19	1	MS16562-193	SPRING PIN
20	1	MS16562-223	SPRING PIN
21	1	MS16562-227	SPRING PIN
22	1	MS16624-4062	EXTERNAL RETAINING RING
23	1	MS20392-1P41	DRILLED PIN
24	1	MS20392-1R27P	DRILLED PIN
25	1	MS20392-1R37P	DRILLED PIN
26	4	MS20392-1R9P	DRILLED PIN
27	3	MS20392-2R41P	DRILLED PIN
28	7	MS24665-151	COTTER PIN
29	2	MS24665-155	COTTER PIN
30	6	MS24671-14	SCREW, FL-HD, HEX, #8
31	1	MS24674-13	DRILLED CAP SCREW, #10
32	5	NAS1149-C-N432-R	FLAT WASHER
33	1	NAS42DD628FC	SPACER



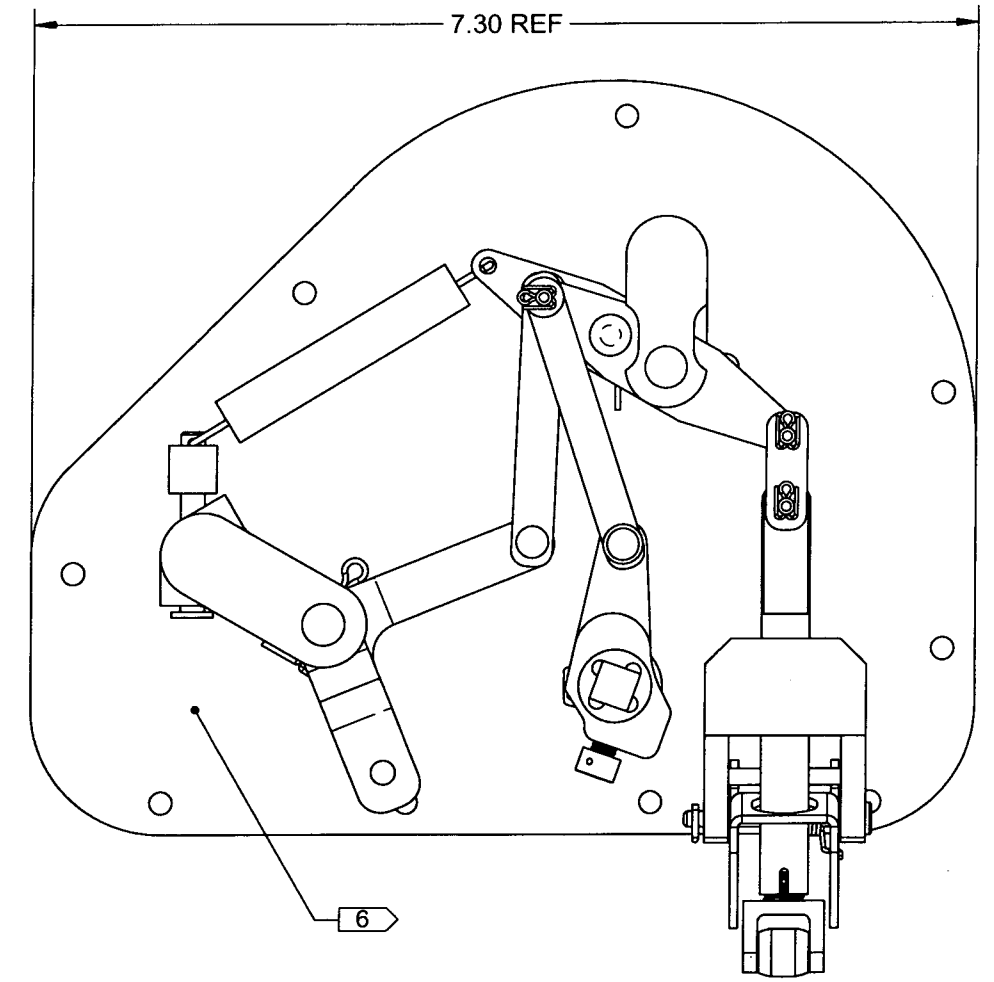
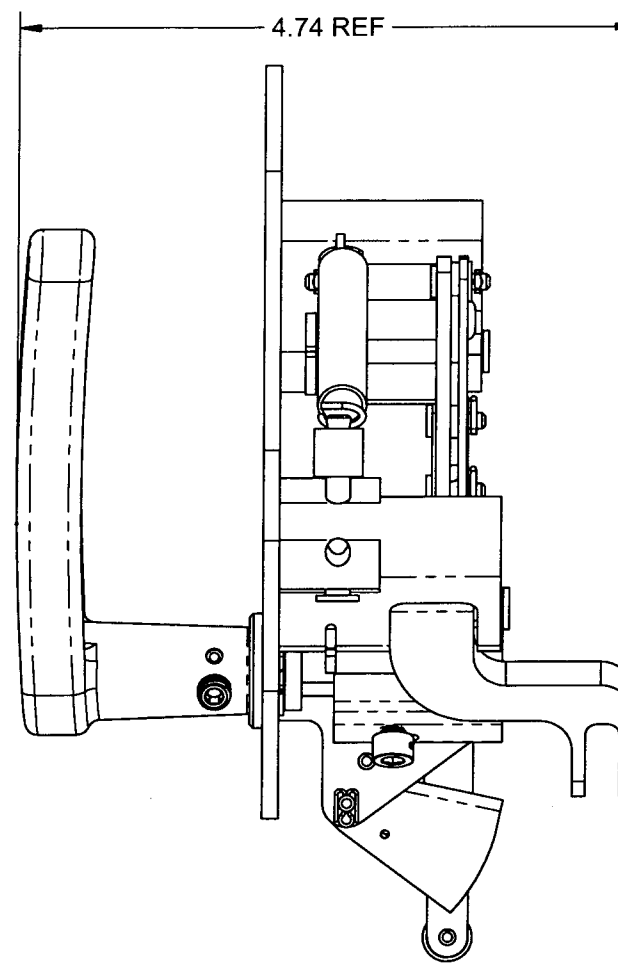
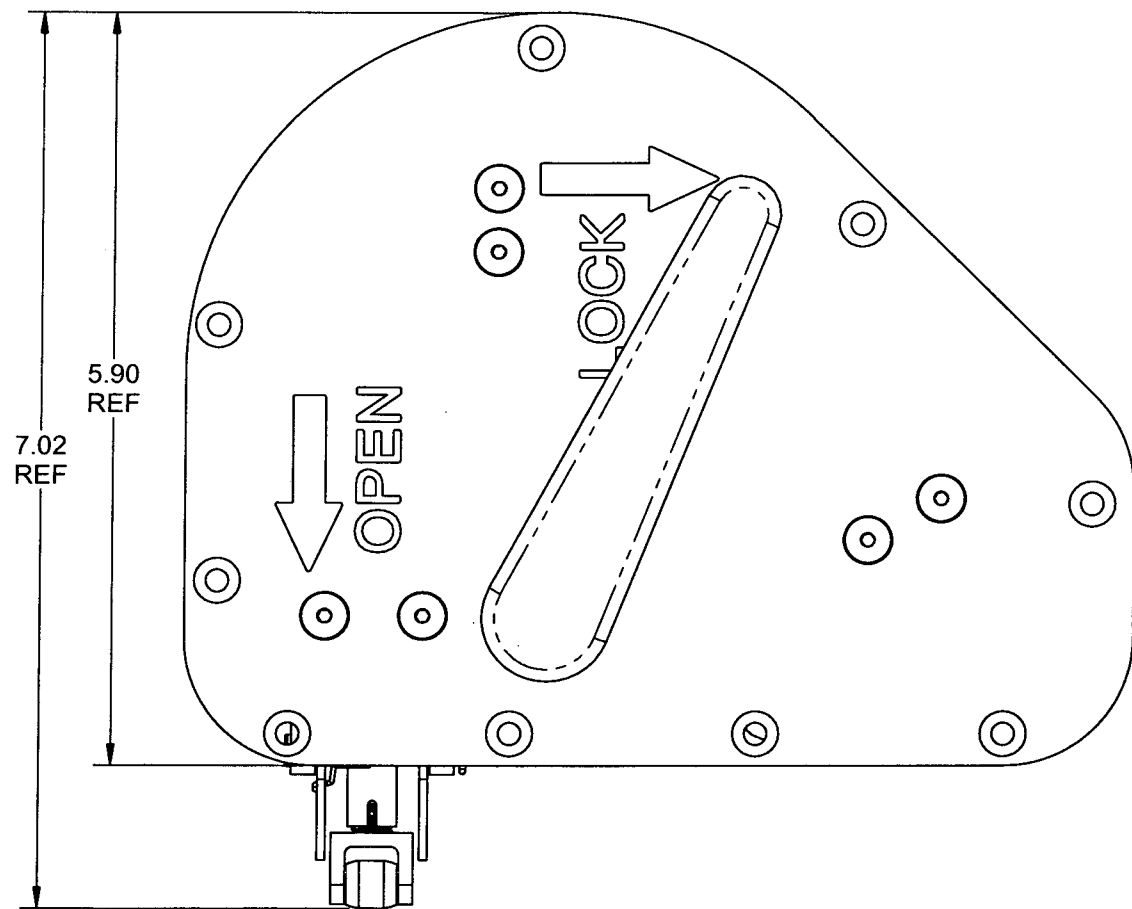
RELEASED
2012-06-13

D4522-041 DOOR LATCH ASSY

NOTES:

- 1) MATERIAL: N/A
- 2) FINISH: N/A
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: N/A
- 6) IDENTIFICATION: MARK PART NUMBER AND BATCH NUMBER PER DART QSI 044 6.4
- 7) WEIGHT: 2.0 lbs
- 8) INSTALL ALL COTTER PINS AND LOCK WIRE IN ACCORDANCE WITH MS33540
- 9) APPLY LOCTITE 262 TO HANDLE THREADS PRIOR TO TIGHTENING SET SCREW
- 10) SHEETS 21 -23 ARE FOR REFERENCE ONLY AND ARE MERELY **RECOMMENDED** ASSEMBLY STEPS

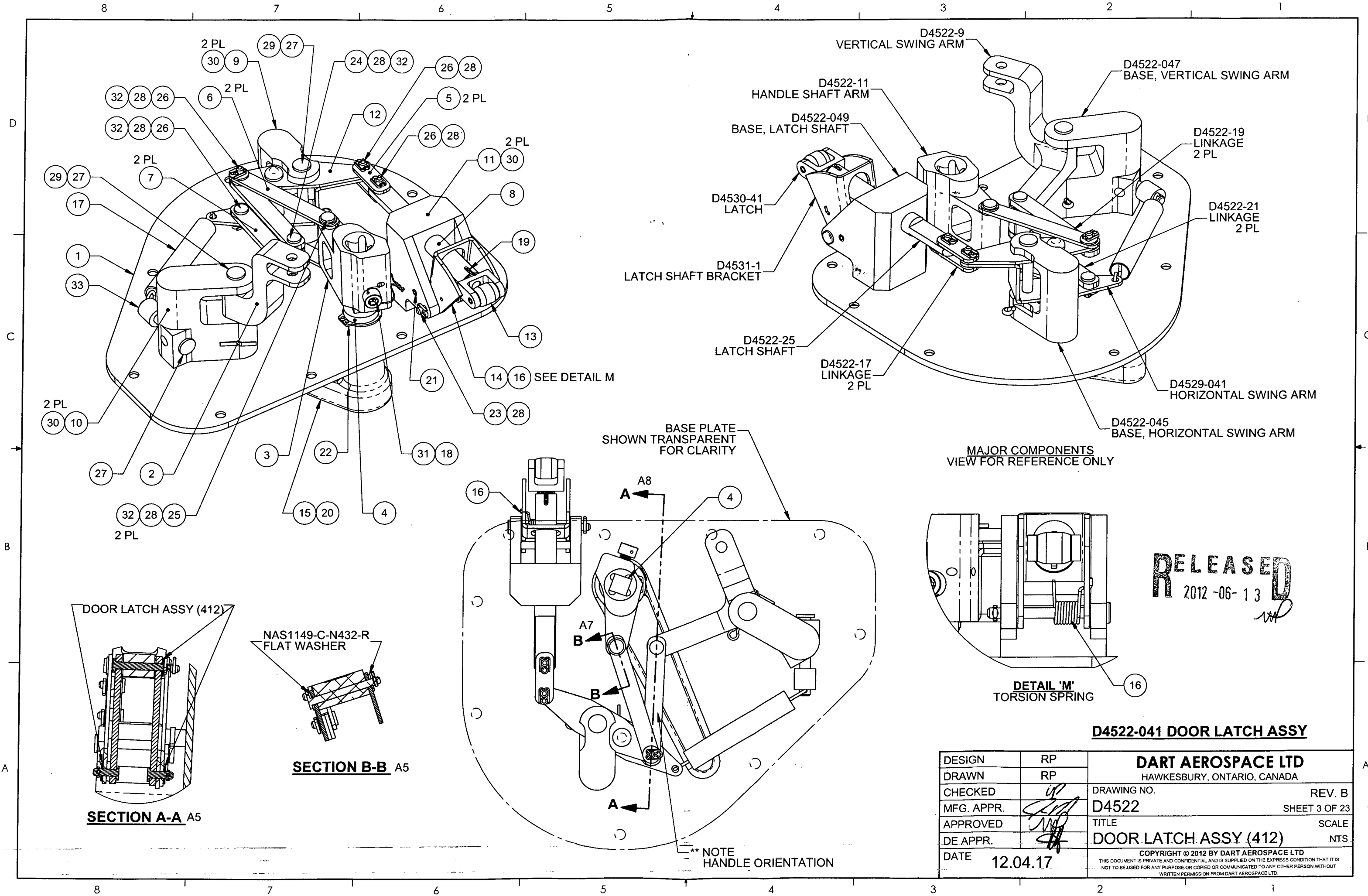
B	- REMOVED D4522-043 & D4522-044 (OBSOLETE) - ADDED SPOT-FACE TO D4522-1 & D4522-2 (D7-7 & C2-8 RESPECTIVELY) - OPTIMIZED CORNER, CLEARANCE NOTCHES IN D4522-11 & D4522-12 (C4-14 & C7-15 RESPECTIVELY) - OPTIMIZED SIZE AND TOLERANCES OF RETAINING RING GROOVE IN D4522-13 (C5-16) - ASSIGNED DART PART NUMBERS TO SPRINGS FROM: T032-180-156L TO: D4588-1 (C8-1, C8-4) FROM: LE045005S TO: D4626-1 (C8-1 & C8-4)	RP	12.04.17
A	NEW ISSUE	RP	12.02.24
REV.	DESCRIPTION	BY	DATE
DESIGN	RP	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWN	RP		
CHECKED		DRAWING NO.	REV. B
MFG. APPR.		D4522	SHEET 1 OF 23
APPROVED		TITLE	SCALE
DE APPR.		DOOR LATCH ASSY (412)	NTS
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D4522-041 DOOR LATCH ASSY

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2012-06-13
MD

DESIGN	RP	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWN	RP		
CHECKED	<i>[Signature]</i>	DRAWING NO.	REV. B
MFG. APPR.	<i>[Signature]</i>	D4522	SHEET 2 OF 23
APPROVED	<i>[Signature]</i>	TITLE	SCALE
DE APPR.		DOOR LATCH ASSY (412)	NTS
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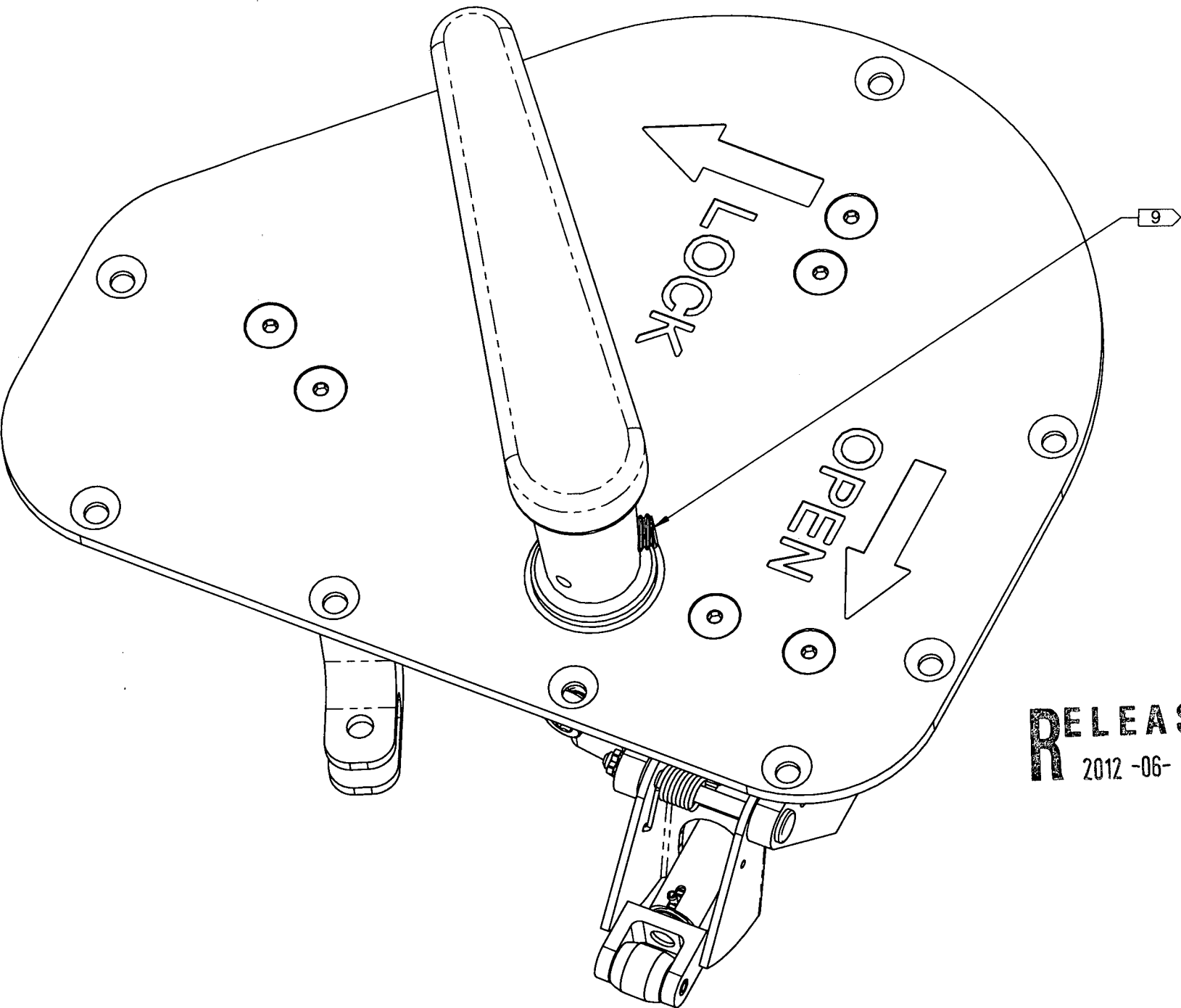


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2012-06-13

D4522-041 DOOR LATCH ASSY

DESIGN	RP	DART AEROSPACE LTD	
DRAWN	RP	HAWKESBURY, ONTARIO, CANADA	
CHECKED		DRAWING NO.	REV. B
MFG. APPR.		D4522	SHEET 3 OF 23
APPROVED		TITLE	SCALE
DE APPR.		DOOR LATCH ASSY (412)	NTS.
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ITEM	QTY -042	P/N	DESCRIPTION
	X	D4522-042	DOOR LATCH ASSY, RH, OEM
1	1	D4522-2	BASE PLATE, OEM (RH)
2	1	D4522-10	VERTICAL SWING ARM
3	1	D4522-12	HANDLE SHAFT ARM
4	1	D4522-13	HANDLE SHAFT ADAPTER
5	2	D4522-17	LINKAGE
6	2	D4522-19	LINKAGE
7	2	D4522-21	LINKAGE
8	1	D4522-25	LATCH SHAFT
9	1	D4522-045	BASE, HORIZONTAL SWING ARM
10	1	D4522-047	BASE, VERTICAL SWING ARM
11	1	D4522-049	BASE, LATCH SHAFT
12	1	D4529-041	HORIZONTAL SWING ARM
13	1	D4530-041	LATCH ROLLER
14	1	D4531-1	LATCH SHAFT BRACKET
15	1	D4574-1	INTERIOR L-HANDLE
16	1	D4588-1	TORSION SPRING
17	1	D4626-1	EXTENSION SPRING
18	1	MS-20995-C20	LOCK WIRE
19	1	MS16562-193	SPRING PIN
20	1	MS16562-223	SPRING PIN
21	1	MS16562-227	SPRING PIN
22	1	MS16624-4062	EXTERNAL RETAINING RING
23	1	MS20392-1P41	DRILLED PIN
24	1	MS20392-1R27P	DRILLED PIN
25	1	MS20392-1R37P	DRILLED PIN
26	4	MS20392-1R9P	DRILLED PIN
27	3	MS20392-2R41P	DRILLED PIN
28	7	MS24665-151	COTTER PIN
29	2	MS24665-155	COTTER PIN
30	6	MS24671-14	SCREW, FL-HD, HEX, #8
31	1	MS24674-13	DRILLED CAP SCREW, #10
32	5	NAS1149-C-N432-R	FLAT WASHER
33	1	NAS42DD628FC	SPACER



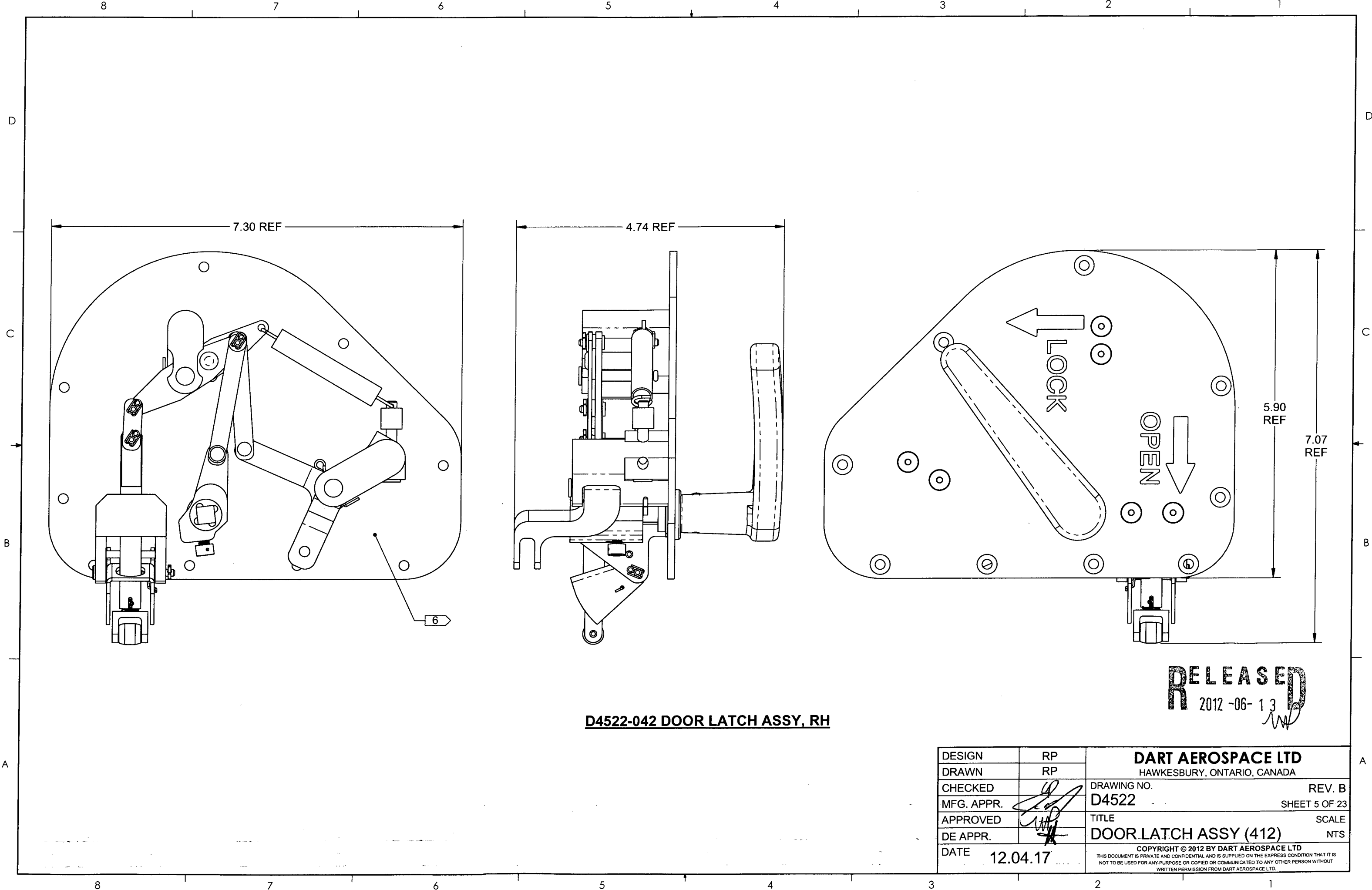
RELEASED
2012-06-13

NOTES:

- 1) MATERIAL: N/A
- 2) FINISH: N/A
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: N/A
- 6) IDENTIFICATION: MARK PART NUMBER AND BATCH NUMBER PER DART QSI 044 6.4
- 7) WEIGHT: 2.0 lbs
- 8) INSTALL ALL COTTER PINS AND LOCK WIRE IN ACCORDANCE WITH MS33540
- 9) APPLY LOCTITE 262 TO HANDLE THREADS PRIOR TO TIGHTENING SET SCREW
- 10) SHEETS 21 -23 ARE FOR REFERENCE ONLY AND ARE MERELY **RECOMMENDED** ASSEMBLY STEPS

D4522-042 DOOR LATCH ASSY, RH

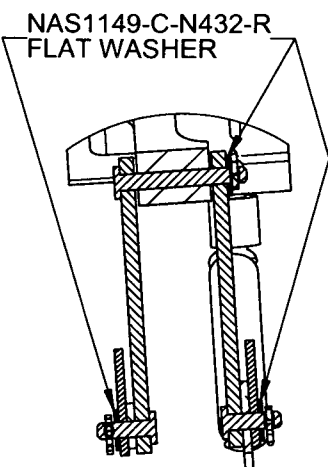
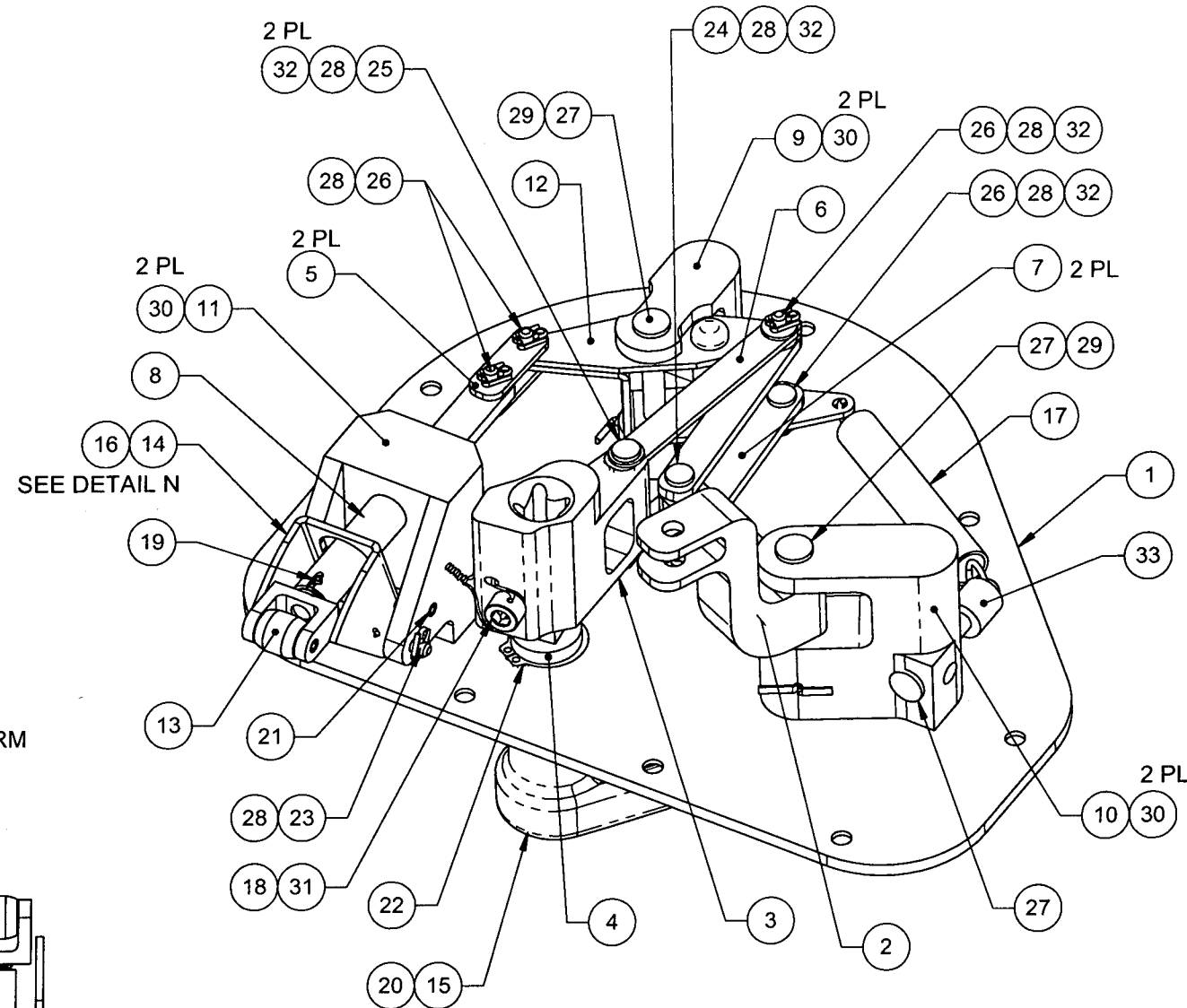
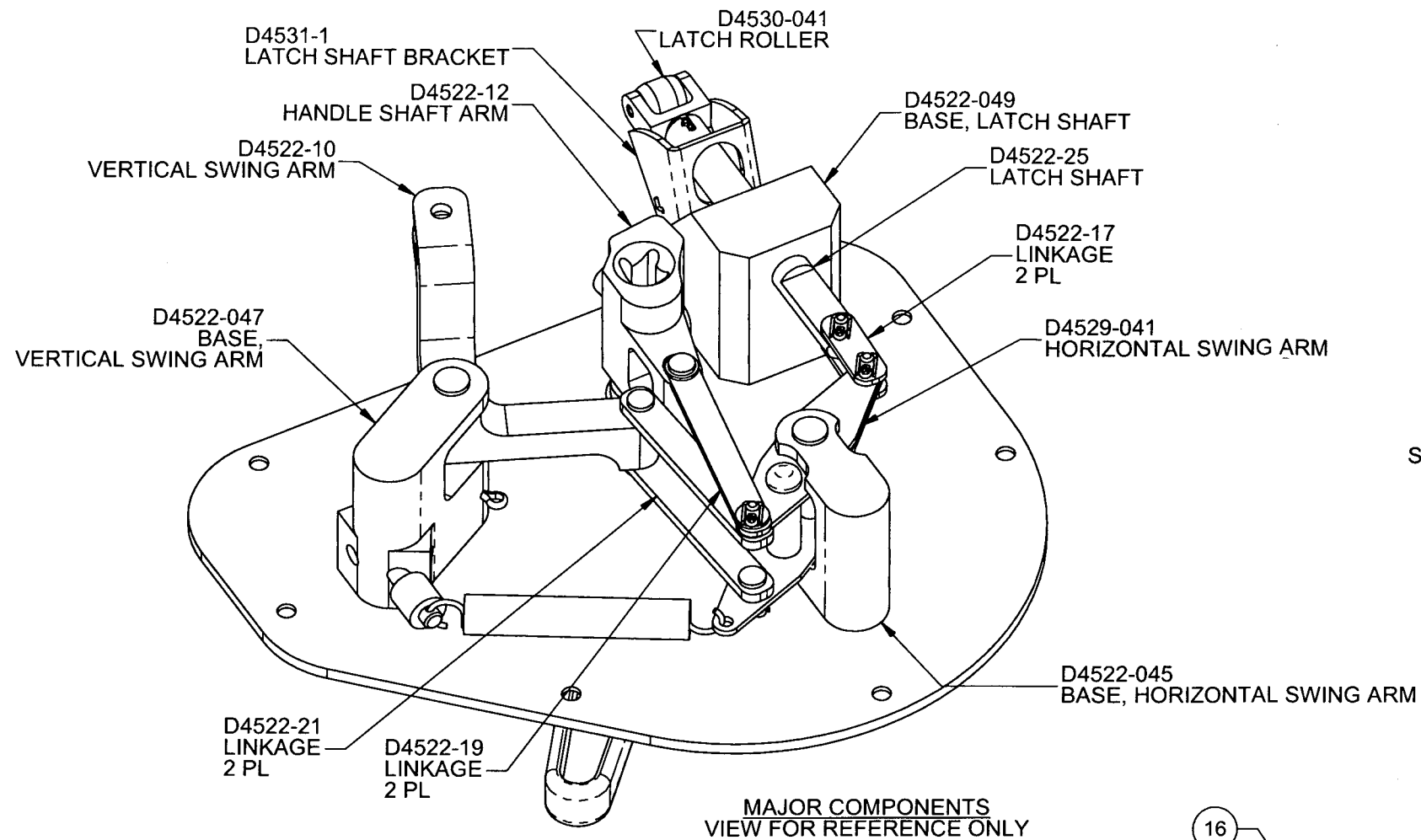
DESIGN	RP	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWN	RP		
CHECKED		DRAWING NO.	REV. B
MFG. APPR.		D4522	SHEET 4 OF 23
APPROVED		TITLE	SCALE
DE APPR.		DOOR LATCH ASSY (412)	NTS
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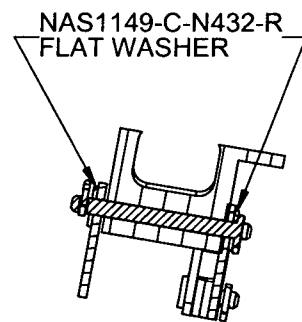
D4522-042 DOOR LATCH ASSY, RH

RELEASED
2012-06-13

DESIGN	RP	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWN	RP		
CHECKED		DRAWING NO.	REV. B
MFG. APPR.		D4522	SHEET 5 OF 23
APPROVED		TITLE	SCALE
DE APPR.		DOOR LATCH ASSY (412)	NTS
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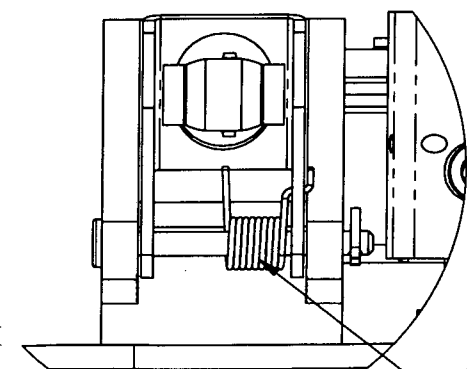
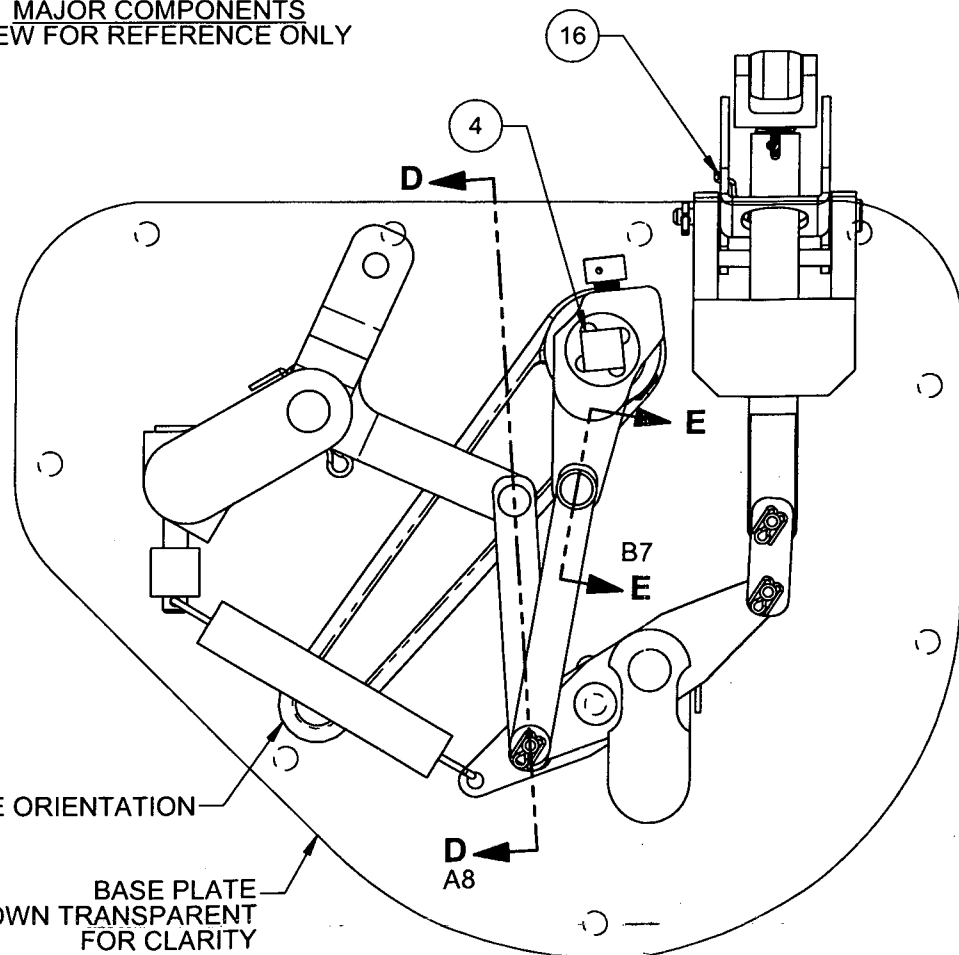
SECTION D-D B5



SECTION E-E B5

** NOTE HANDLE ORIENTATION

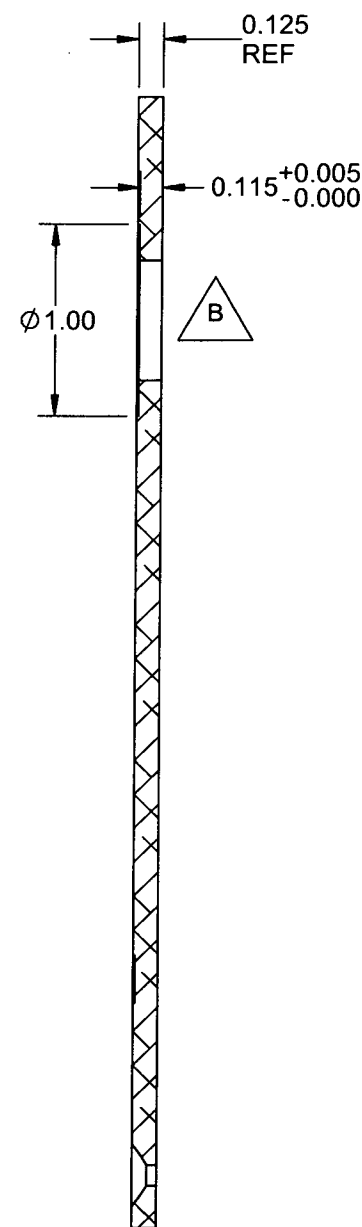
BASE PLATE
SHOWN TRANSPARENT
FOR CLARITY



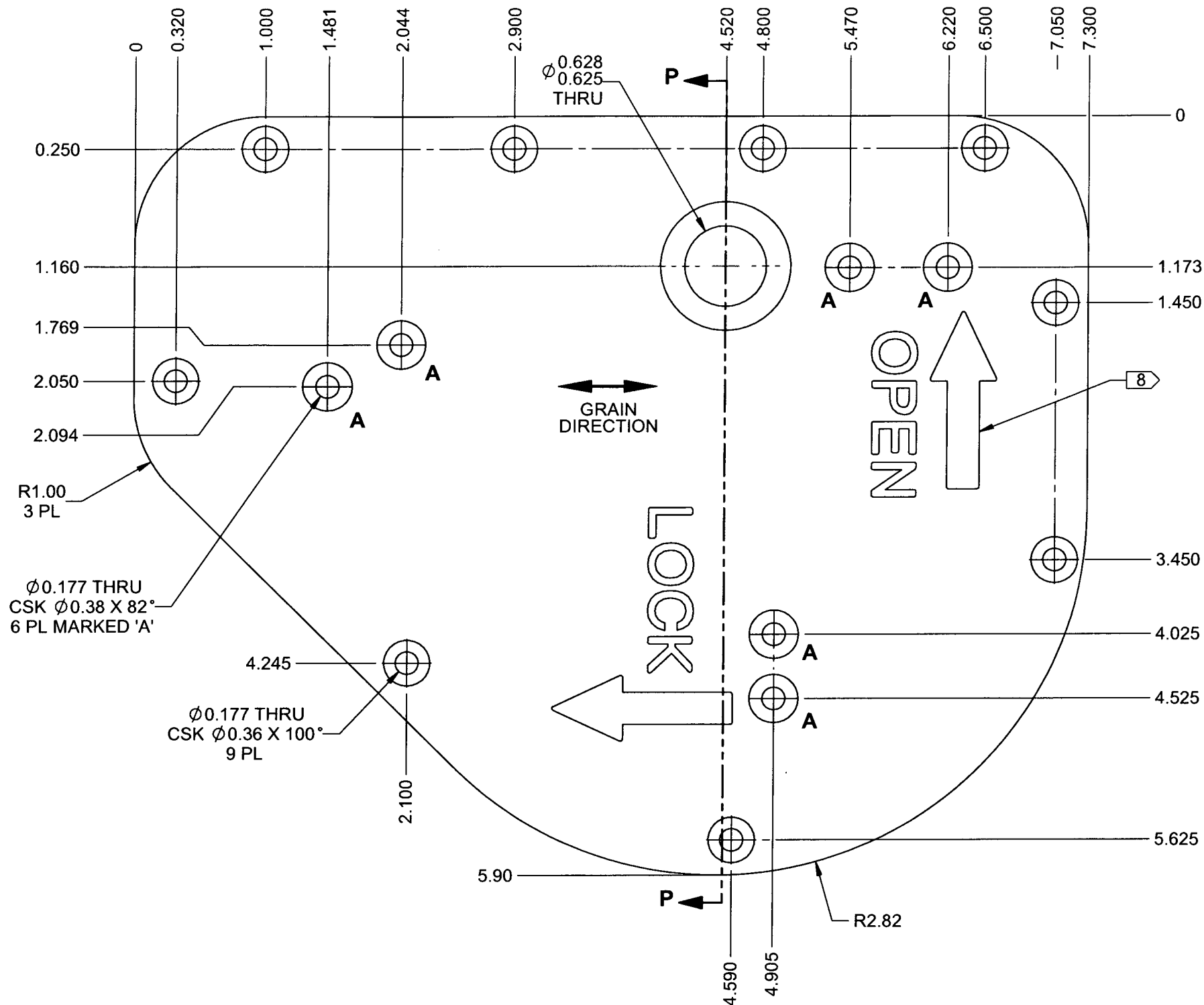
DETAIL 'N'
TORSION SPRING

RELEASED
2012-06-13

DESIGN	RP	DART AEROSPACE LTD	
DRAWN	RP	HAWKESBURY, ONTARIO, CANADA	
CHECKED	<i>[Signature]</i>	DRAWING NO.	REV. B
MFG. APPR.	<i>[Signature]</i>	D4522	SHEET 6 OF 23
APPROVED	<i>[Signature]</i>	TITLE	SCALE
DE APPR.	<i>[Signature]</i>	DOOR LATCH ASSY (412)	NTS
DATE	12.04.17	<small>COPYRIGHT © 2012 BY DART AEROSPACE LTD THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.</small>	



SECTION P-P



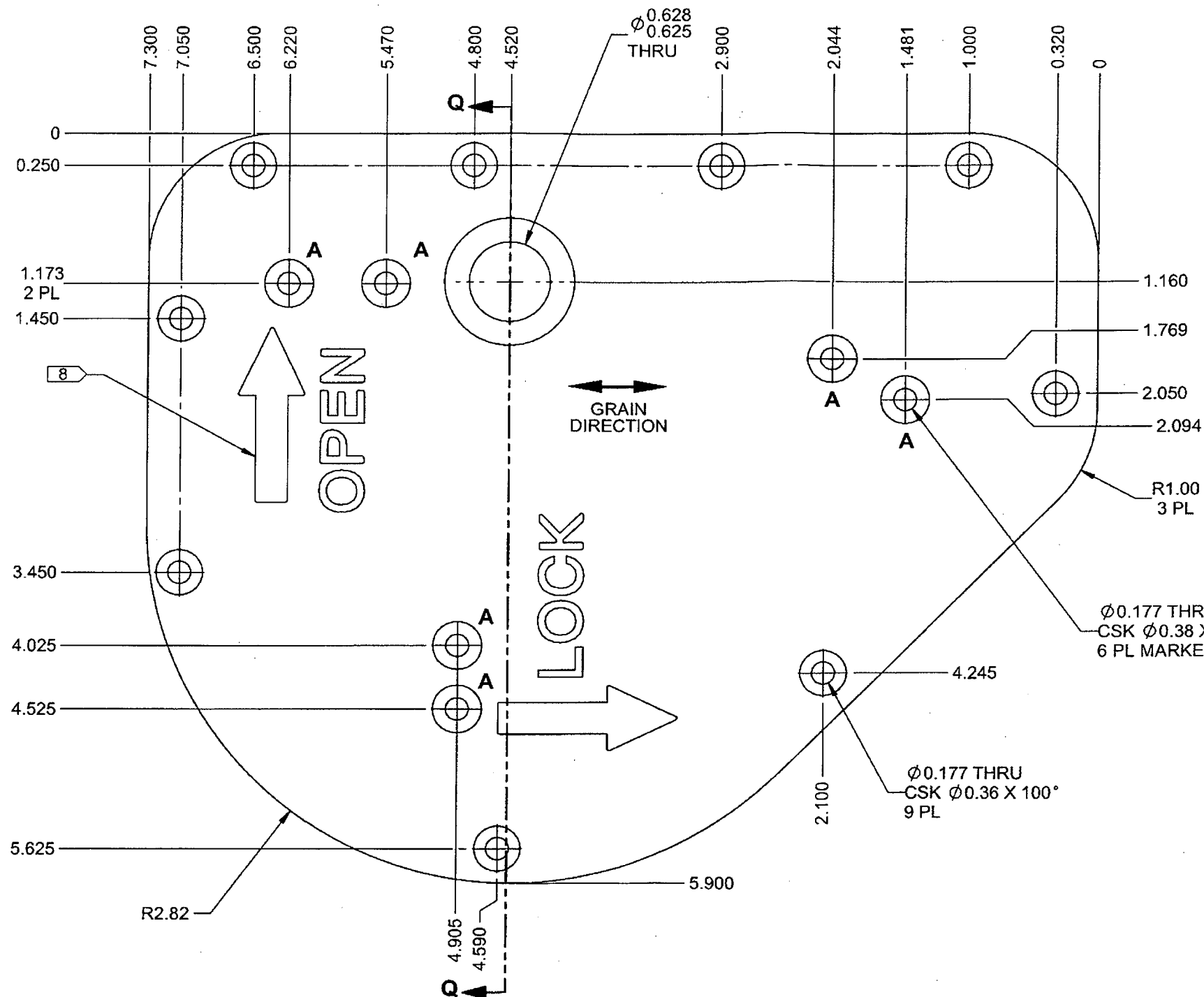
D4522-1 BASE PLATE, OEM (LH)

RELEASED
2012-06-13

NOTES:

- 1) MATERIAL: 6061-T6/T62 ALUMINUM SHEET PER QQ-A-250/11 OR AMS 4025 OR AMS 4027 OR ASTM B209 REF M6061T6S.125
- 2) FINISH: CHEMICAL CONVERSION COAT PER DART QSI 005 4.1 POWDER COAT ANSI 61 (4.3.5.15) GREY PER DART QSI 005 4.3
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
- 6) IDENTIFICATION: PER DART QSI 044 6.6 OR 6.7
- 7) WEIGHT: 0.4 lbs
- 8) ENGRAVE TEXT AND ARROWS .010" DP IN APPROXIMATE LOCATION SHOWN. TEXT TO BE APPROX. 0.32 HIGH

DESIGN	RP	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWN	RP		
CHECKED		DRAWING NO.	REV. B
MFG. APPR.		D4522	SHEET 7 OF 23
APPROVED		TITLE	SCALE
DE APPR.		DOOR LATCH ASSY (412)	NTS
DATE	12.04.17	<small>COPYRIGHT © 2012 BY DART AEROSPACE LTD THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD</small>	



NOTES:

- 1) MATERIAL: 6061-T6/T62 ALUMINUM SHEET PER QQ-A-250/11 OR AMS 4025 OR AMS 4027 OR ASTM B209 REF M6061T6S.125
- 2) FINISH: CHEMICAL CONVERSION COAT PER DART QSI 005 4.1 POWDER COAT ANSI 61 (4.3.5.15) GREY PER DART QSI 005 4.3
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
- 6) IDENTIFICATION: PER DART QSI044 6.6 OR 6.7
- 7) WEIGHT: 0.4 lbs
- 8) ENGRAVE TEXT AND ARROWS .010" DP IN APPROXIMATE LOCATION SHOWN
TEXT TO BE APPROX. 0.32 HIGH

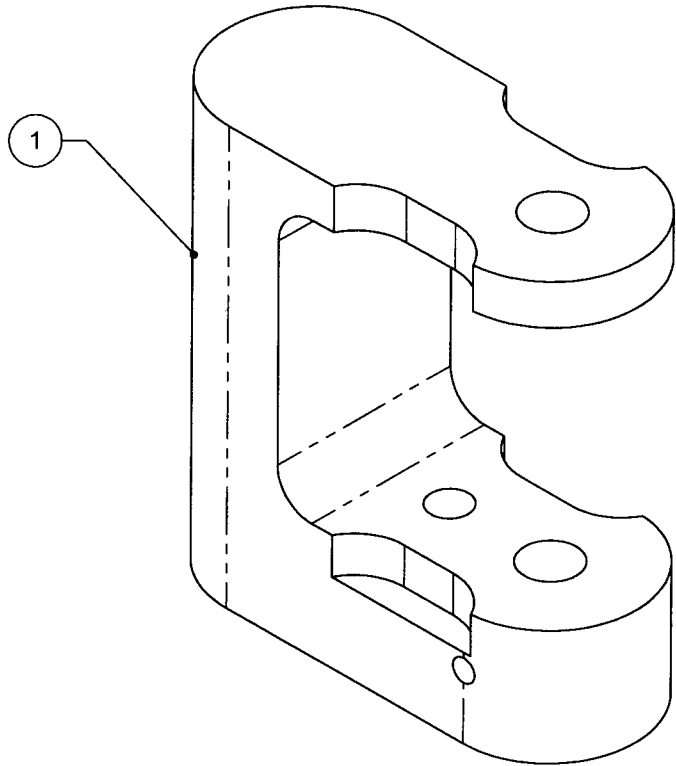
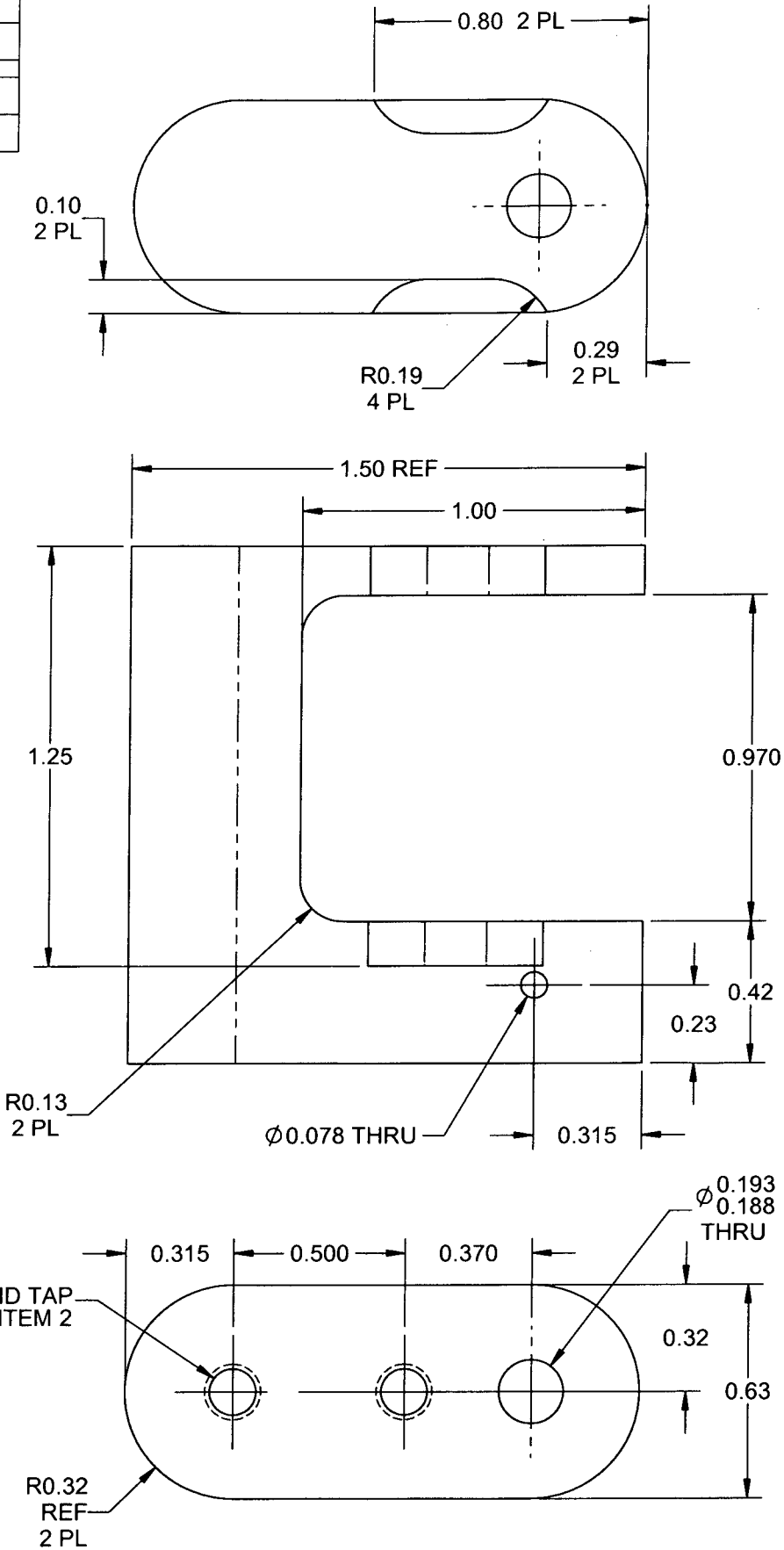
D4522-2 BASE PLATE, OEM (RH)

SECTION Q-Q

RELEASED
2012-06-13

DESIGN	RP	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWN	RP		
CHECKED	AR	DRAWING NO.	REV. B
MFG. APPR.		D4522	SHEET 8 OF 23
APPROVED		TITLE	SCALE
DE APPR.		DOOR LATCH ASSY (412)	NTS
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ITEM	QTY -045	P/N	DESCRIPTION
	X	D4522-045	BASE, HORIZONTAL SWING ARM
1	1	D4522-3	BASE, HORIZONTAL SWING ARM
2	2	MS21209-C0820	THREADED INSERT, 8-32 UNC X 0.33 LG

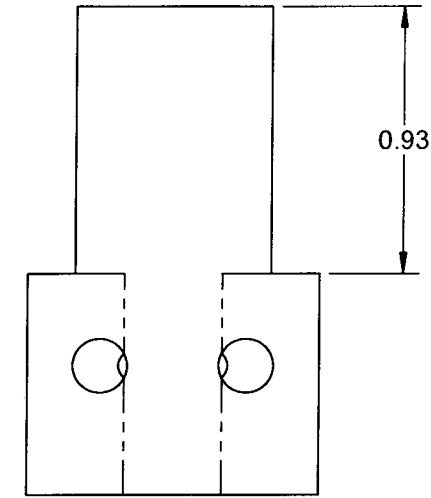
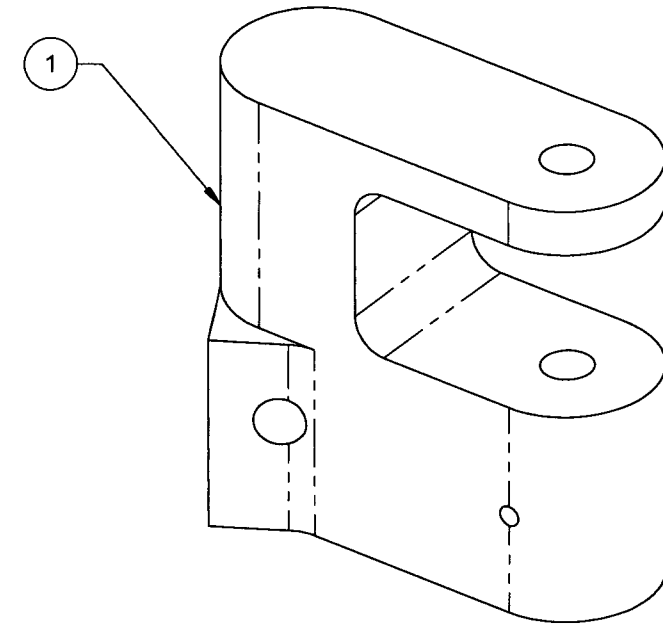
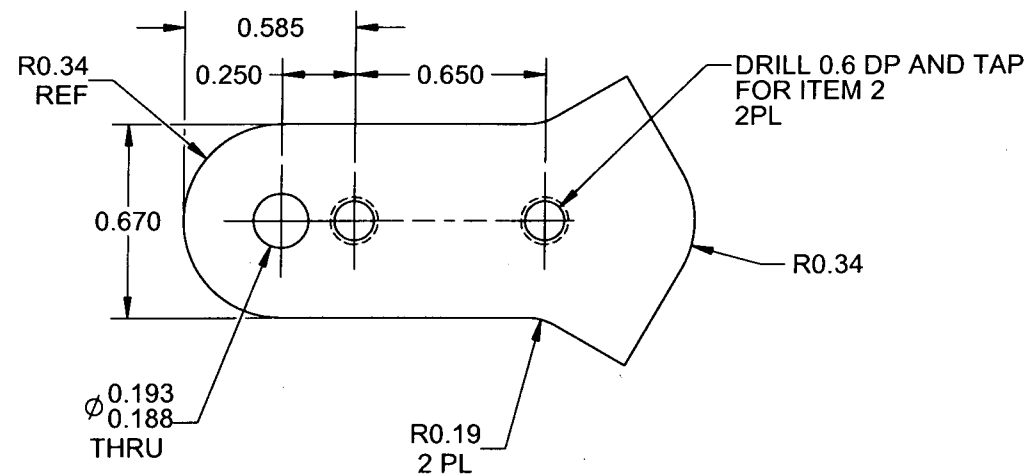
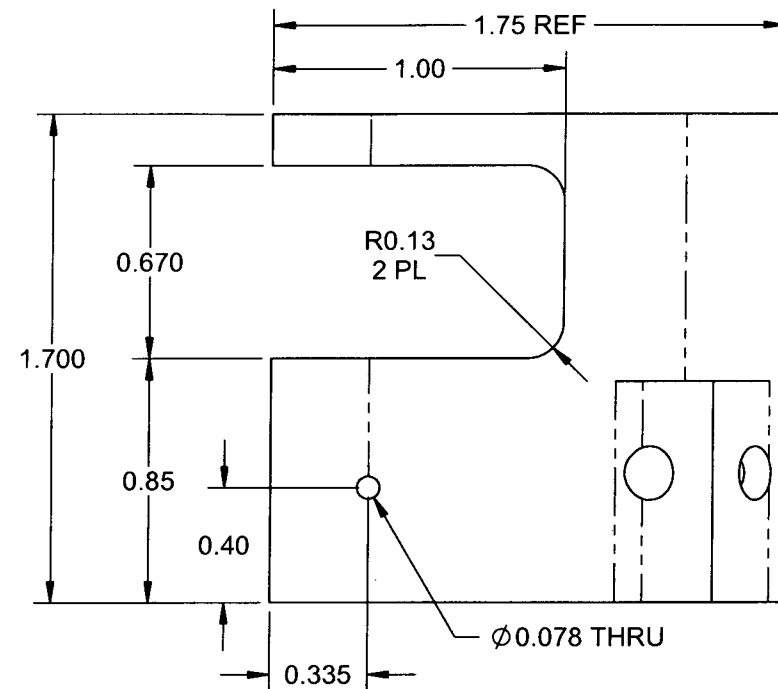
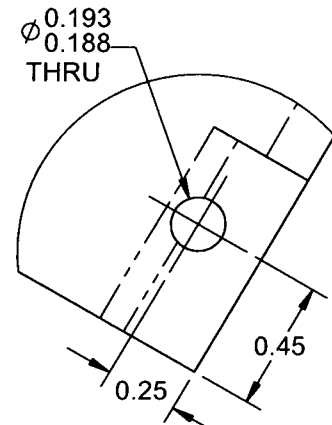
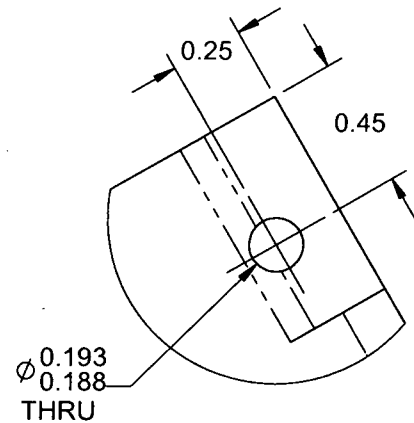


- NOTES:
- 1) MATERIAL: 6061-T6/T651/T6510/T6511/T62 ALUMINUM BAR
PER QQ-A-225/8 OR AMS-QQ-A-225/8 OR
AMS 4117/4128/4115/4116 OR QQ-A-200/8 OR
AMS 4160 OR ASTM B211 OR ASTM B221
REF DART SPEC M6061T6B
 - 2) FINISH: CHEMICAL CONVERSION COAT PER DART QSI 005 4.1
 - 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
 - 4) UNITS: INCHES UNLESS OTHERWISE NOTED
 - 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
 - 6) IDENTIFICATION: PER DART QSI 044 6.6 OR 6.7
 - 7) WEIGHT: 0.07 lbs

D4522-045 BASE, HORIZONTAL SWING ARM

DESIGN	RP	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWN	RP		
CHECKED		DRAWING NO.	REV. B
MFG. APPR.		D4522	SHEET 9 OF 23
APPROVED		TITLE	SCALE
DE APPR.		DOOR LATCH ASSY (412)	NTS
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ITEM	QTY -047	P/N	DESCRIPTION
	X	D4522-047	BASE, VERTICAL SWING ARM
1	1	D4522-5	BASE, VERTICAL SWING ARM
2	2	MS21209-C0820	THREADED INSERT, 8-32 UNC X 0.33 LG



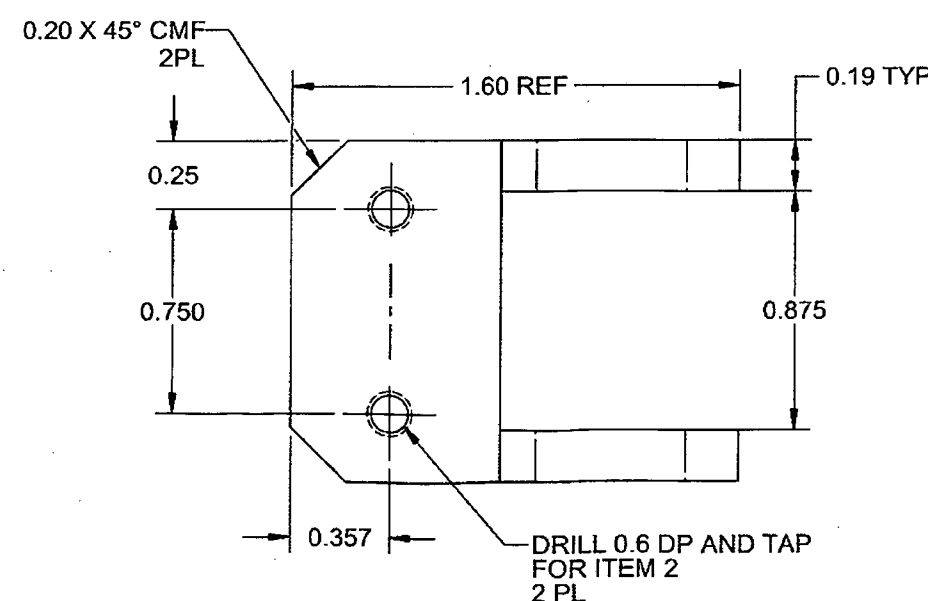
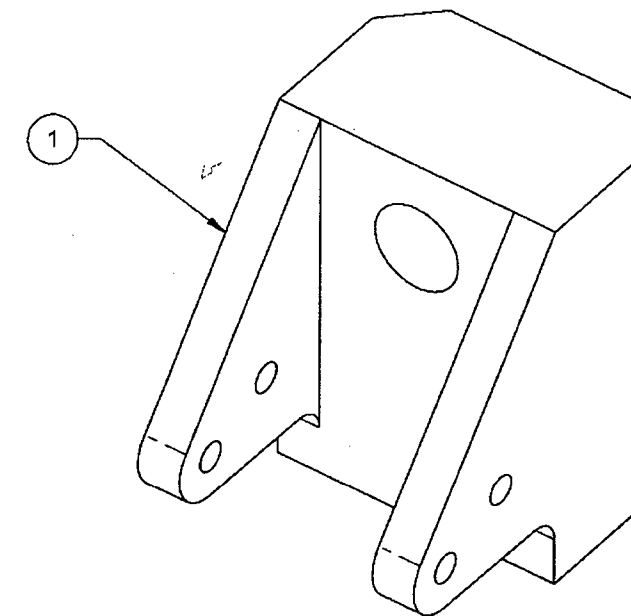
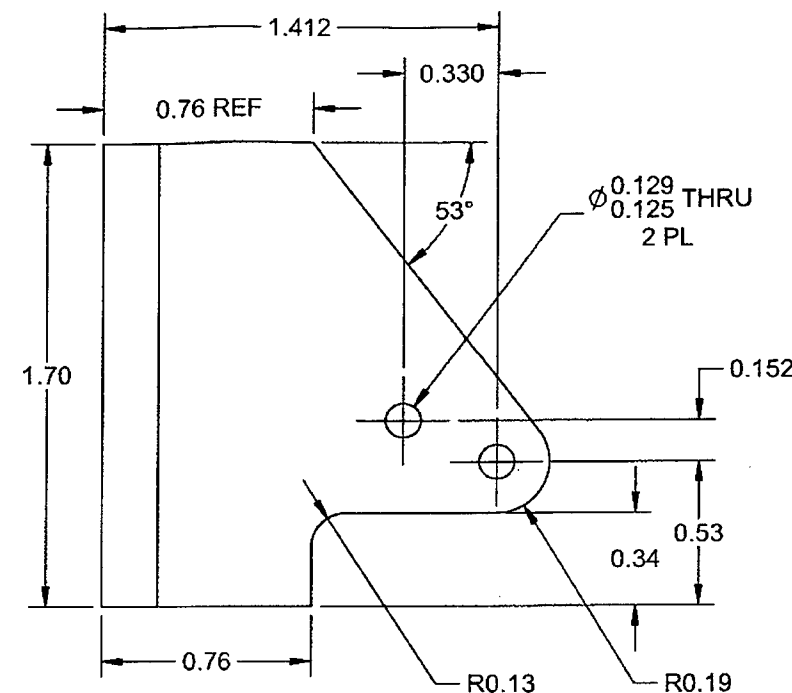
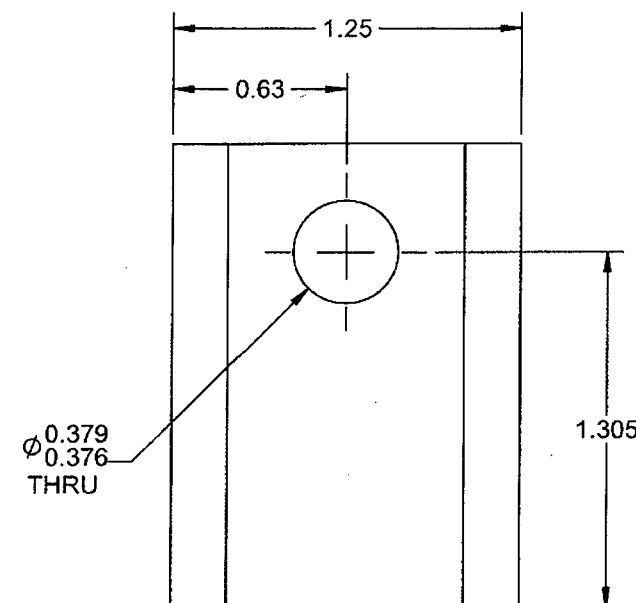
D4522-047 BASE, VERTICAL SWING ARM

NOTES:
1) MATERIAL: 6061-T6/T651/T6510/T6511/T62 ALUMINUM BAR
PER QQ-A-225/8 OR AMS-QQ-A-225/8 OR
AMS 4117/4128/4115/4116 OR QQ-A-200/8 OR
AMS 4160 OR ASTM B211 OR ASTM B221
REF DART SPEC M6061T6B
2) FINISH: CHEMICAL CONVERSION COAT PER DART QSI 005 4.1
3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
4) UNITS: INCHES UNLESS OTHERWISE NOTED
5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
6) IDENTIFICATION: PER DART QSI 044 6.6 OR 6.7
7) WEIGHT: 0.14 lbs

DESIGN	RP	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWN	RP		
CHECKED		DRAWING NO.	REV. B
MFG. APPR.		D4522	SHEET 10 OF 23
APPROVED		TITLE	SCALE
DE APPR.		DOOR LATCH ASSY (412)	NTS
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RELEASED
2012-06-13

ITEM	QTY -049	P/N	DESCRIPTION
	X	D4522-049	BASE, LATCH SHAFT
1	1	D4522-7	BASE, LATCH SHAFT
2	2	MS21209-C0820	THREADED INSERT, 8-32 UNC X 0.33 LG

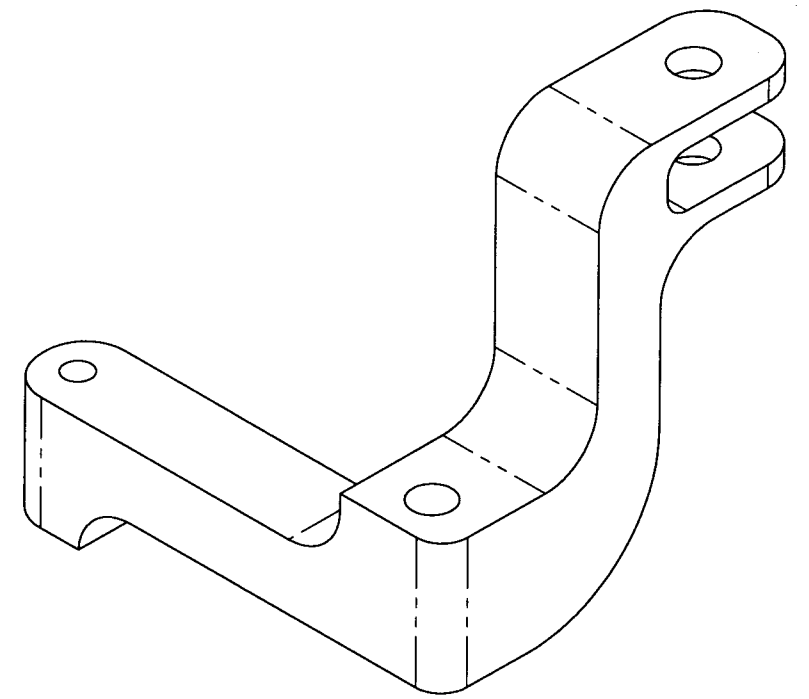
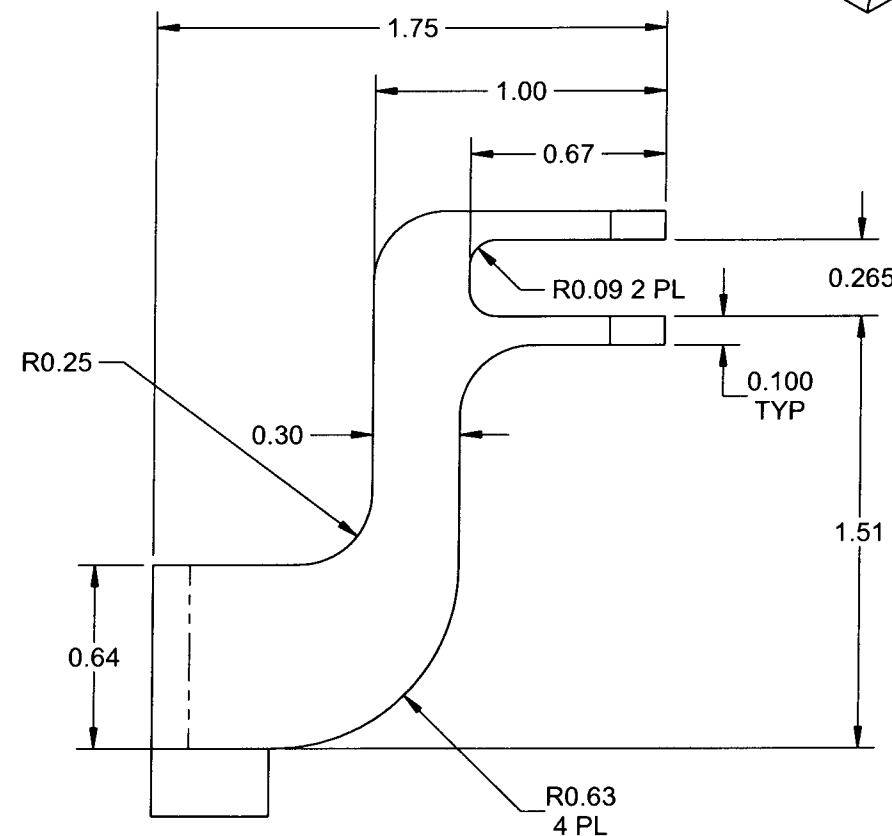
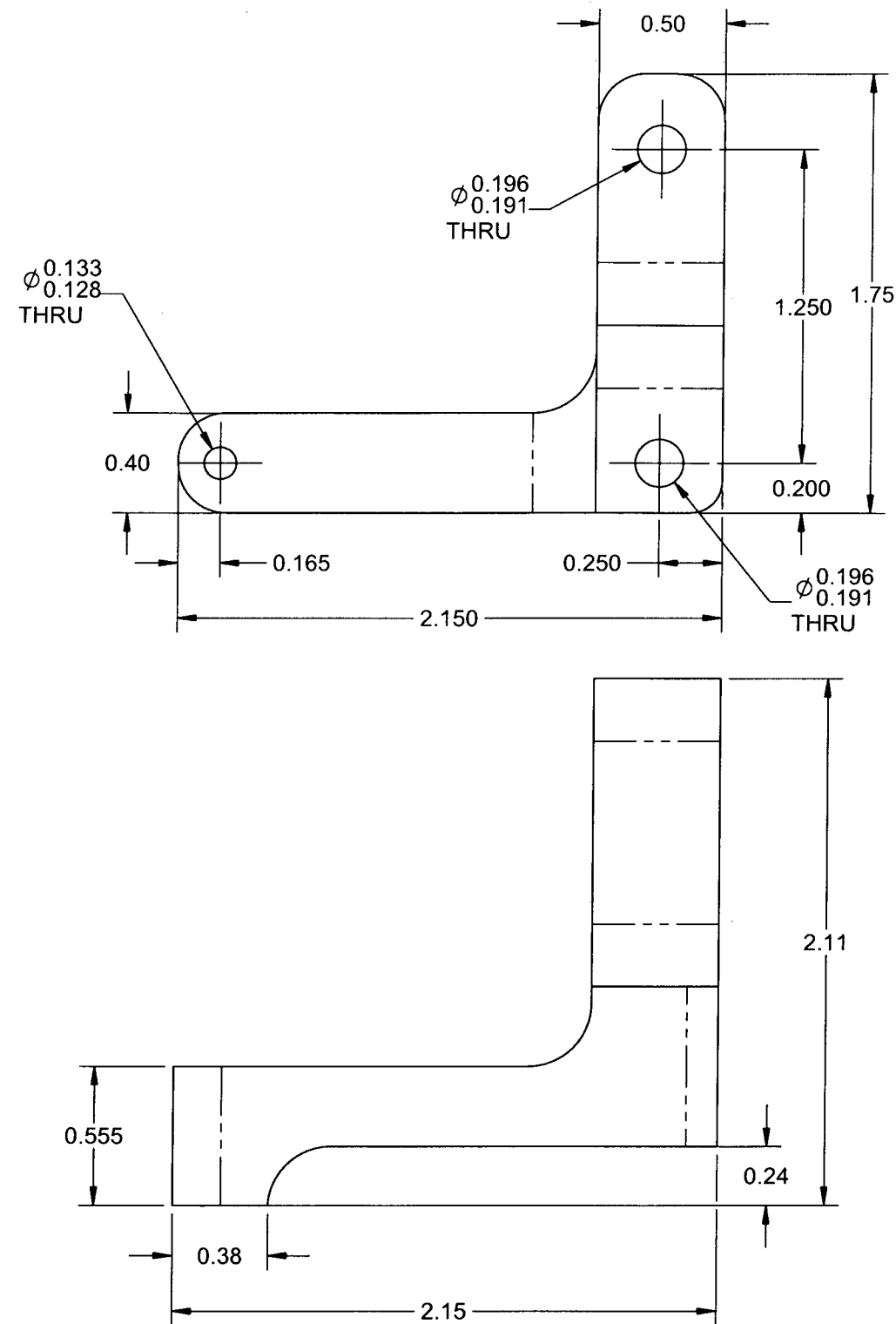


- NOTES:
- 1) MATERIAL: 6061-T6/T651/T6510/T6511/T62 ALUMINUM BAR
PER QQ-A-225/8 OR AMS-QQ-A-225/8 OR
AMS4117/4128/4115/4116 OR QQ-A-200/8 OR
AMS 4160 OR ASTM B211 OR ASTM B221
REF DART SPEC M6061T6B
 - 2) FINISH: N/A
 - 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
 - 4) UNITS: INCHES UNLESS OTHERWISE NOTED
 - 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
 - 6) IDENTIFICATION: PER DART QSI 044 6.6 OR 6.7
 - 7) WEIGHT: 0.16 lbs

D4522-049 BASE, LATCH SHAFT

RELEASED
2012-06-13

DESIGN	RP	DART AEROSPACE LTD	
DRAWN	RP	HAWKESBURY, ONTARIO, CANADA	
CHECKED	A.P.	DRAWING NO. D4522	REV. B
MFG. APPR.		SHEET 11 OF 23	
APPROVED		TITLE DOOR LATCH ASSY (412)	SCALE NTS
DE APPR.		COPYRIGHT © 2012 BY DART AEROSPACE LTD	
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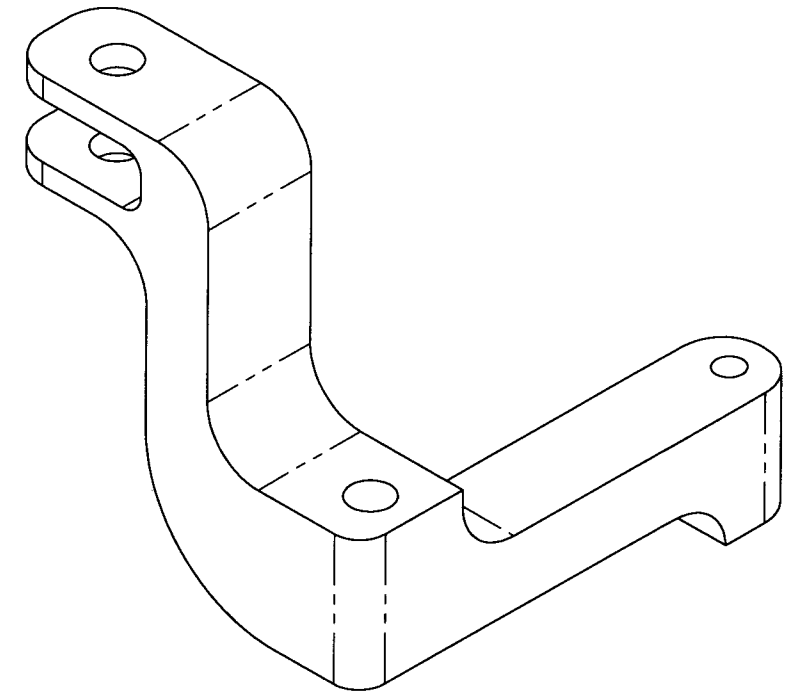
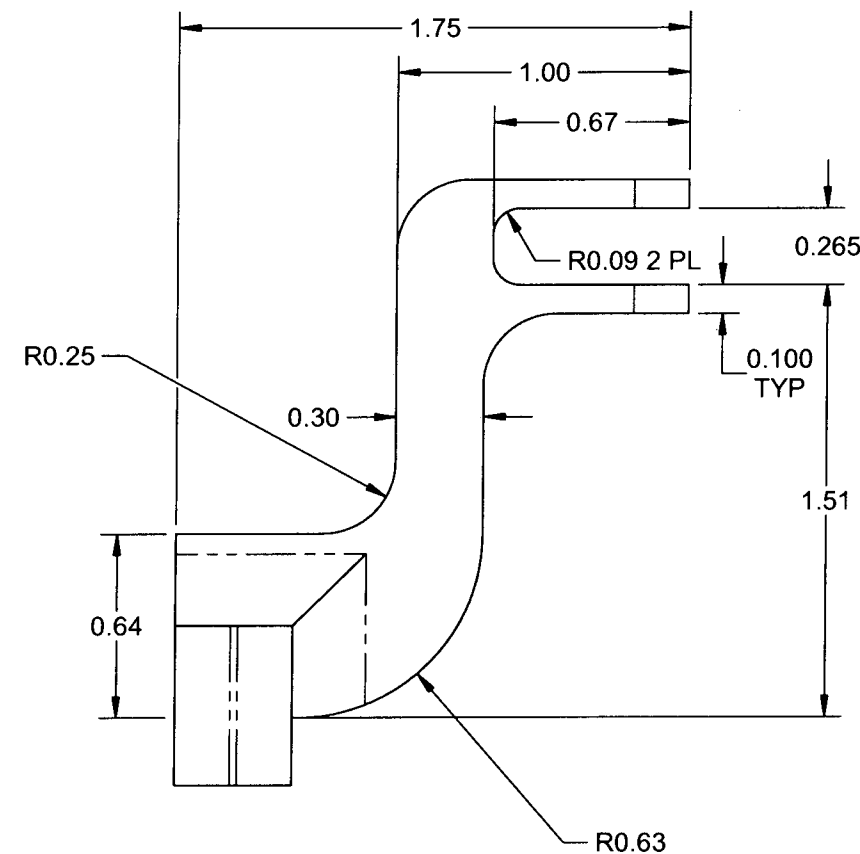
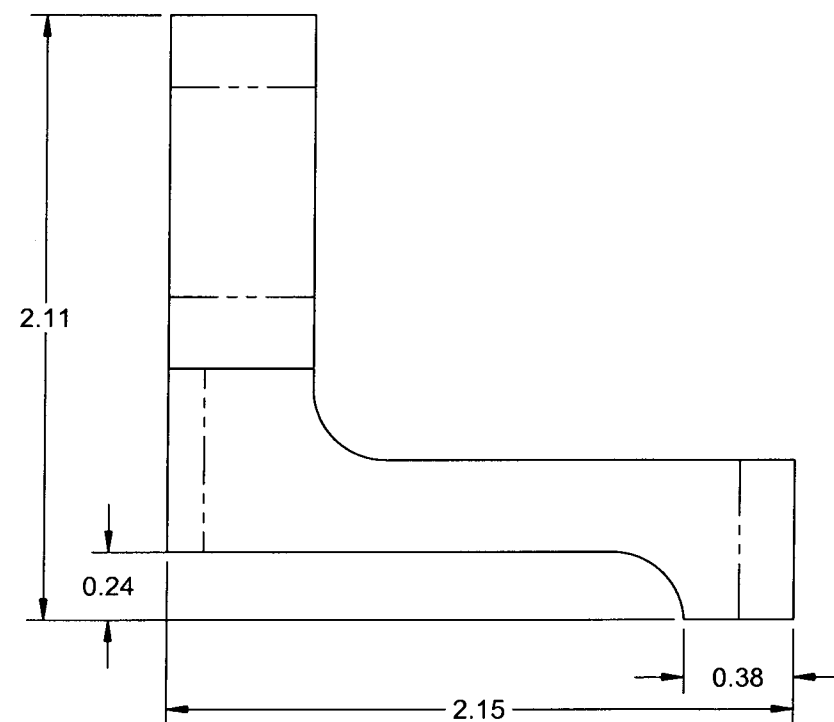
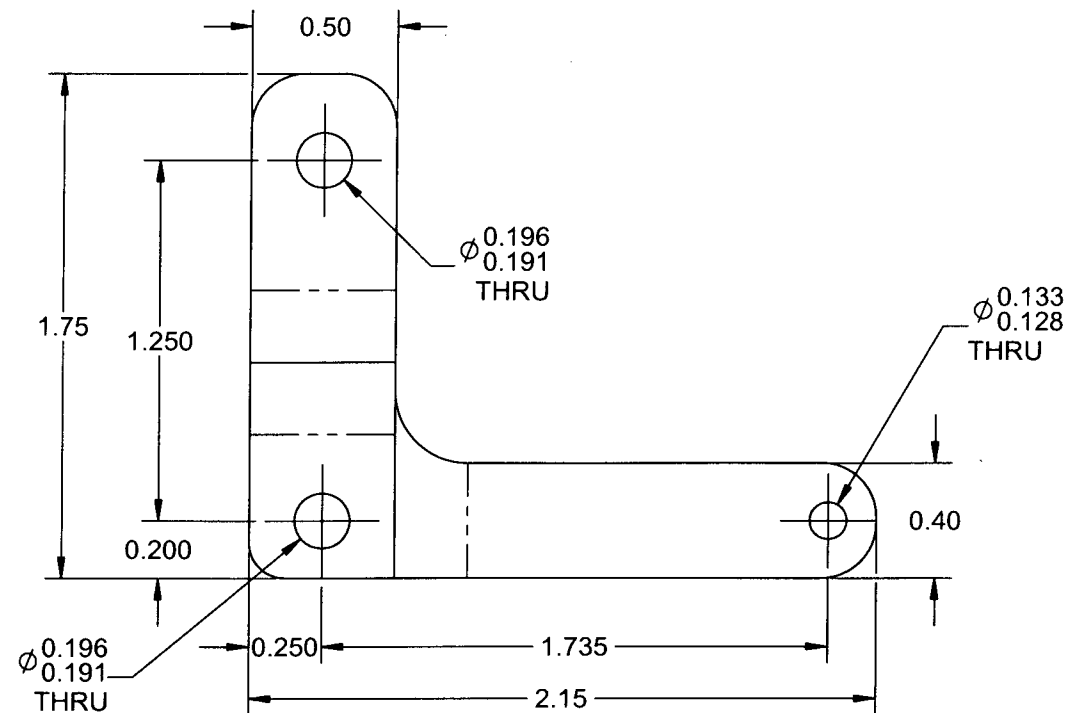
NOTES:

- 1) MATERIAL: AISI 303 SS BAR PER ASTM A582
REF DART SPEC M303B OR
AISI 304/316 SS BAR OR PLATE
PER ASTM A276 OR ASTM A240
REF DART SPEC M304B
- 2) FINISH: NONE
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
- 6) IDENTIFICATION: PER DART QSI 044 6.6 OR 6.7
- 7) WEIGHT: 0.19 lbs
- 8) PROFILE PER DWG FILE "D4522-9-RevB.STP"

D4522-9 VERTICAL SWING ARM

DESIGN	RP	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWN	RP		
CHECKED		DRAWING NO.	REV. B
MFG. APPR.		D4522	SHEET 12 OF 23
APPROVED		TITLE	SCALE
DE APPR.		DOOR LATCH ASSY (412)	NTS
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2012-06-13



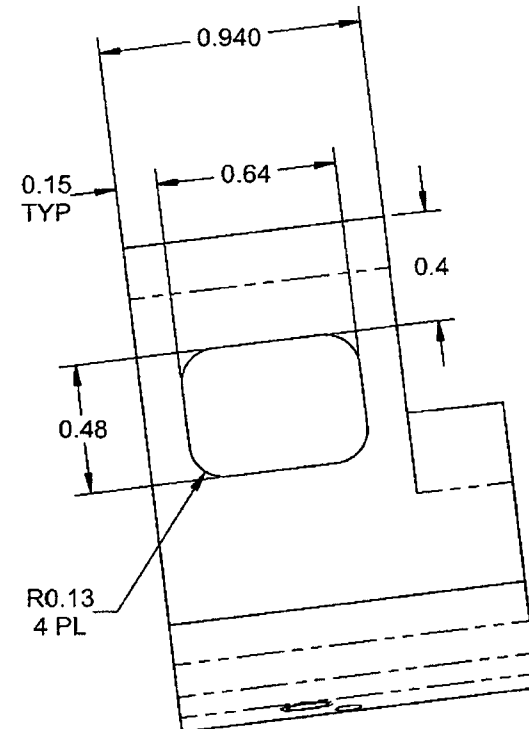
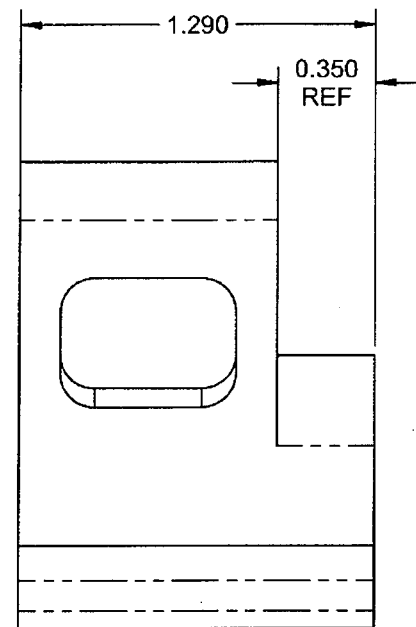
NOTES:

- 1) MATERIAL: AISI 303 SS BAR PER ASTM A582
REF DART SPEC M303B OR
AISI 304/316 SS BAR OR PLATE
PER ASTM A276 OR ASTM A240
REF DART SPEC M304B
- 2) FINISH: NONE
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
- 6) IDENTIFICATION: PER DART QSI 044 6.6 OR 6.7
- 7) WEIGHT: 0.19 lbs
- 8) PROFILE PER DWG FILE "D4522-10-RevB.STP"

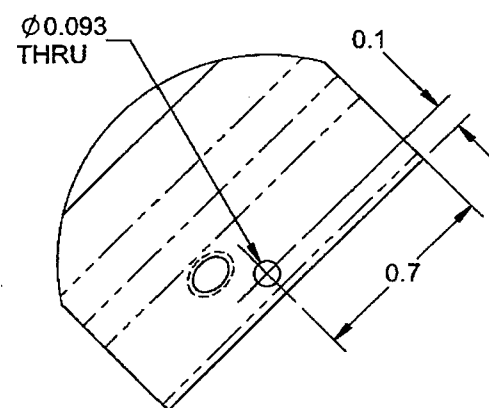
D4522-10 VERTICAL SWING ARM

DESIGN	RP	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWN	RP		
CHECKED	<i>[Signature]</i>	DRAWING NO. D4522	REV. B
MFG. APPR.	<i>[Signature]</i>		SHEET 13 OF 23
APPROVED	<i>[Signature]</i>	TITLE DOOR LATCH ASSY (412)	SCALE NTS
DE APPR.	<i>[Signature]</i>		
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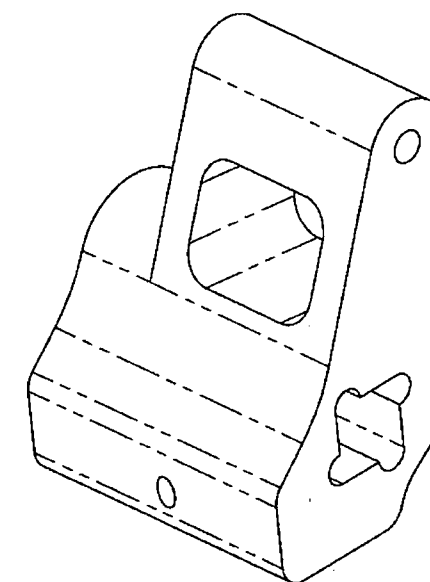
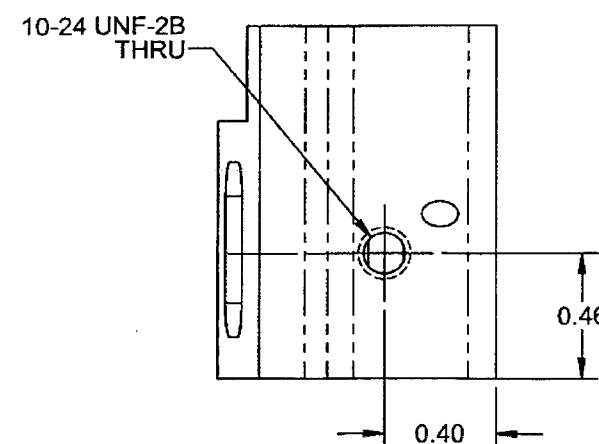
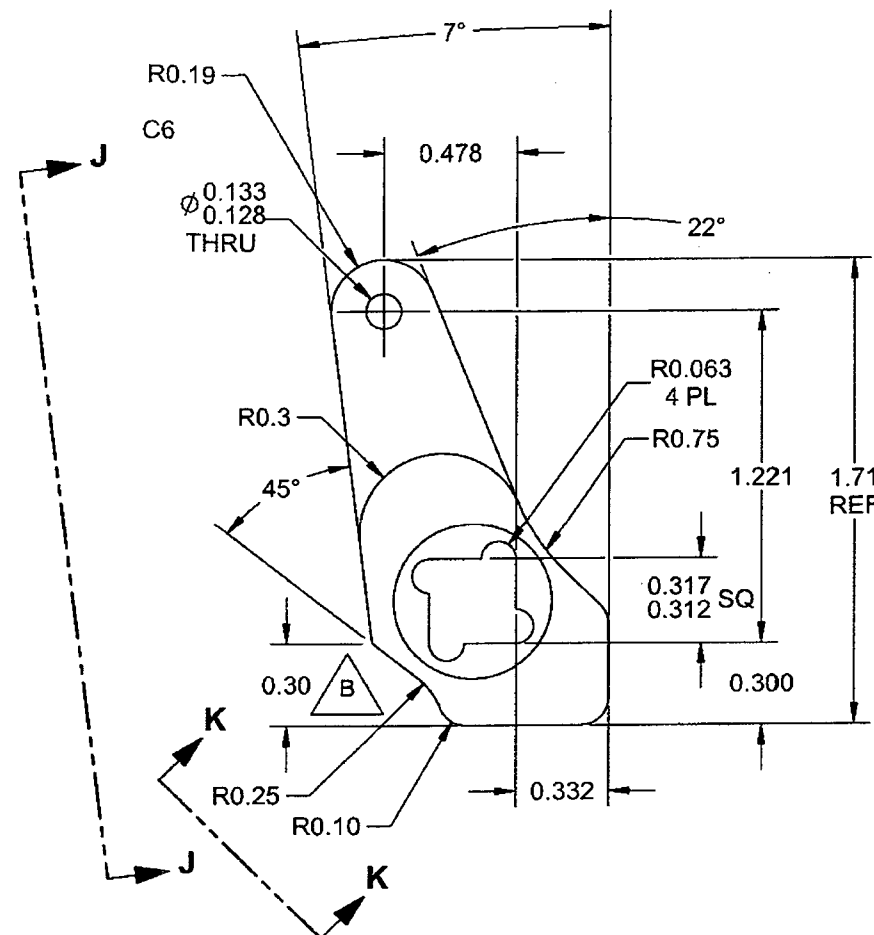
RELEASED
2012-06-13
[Signature]



VIEW J-J C4



VIEW K-K C4



NOTES:

- 1) MATERIAL: AISI 303 SS BAR PER ASTM A582
REF DART SPEC M303B OR
AISI 304/316 SS BAR OR PLATE
PER ASTM A276 OR ASTM A240
REF DART SPEC M304B
- 2) FINISH: NONE
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
- 6) IDENTIFICATION: PER DART QSI 044 6.6 OR 6.7
- 7) WEIGHT: 0.14 lbs
- 8) PROFILE PER DWG FILE "D4522-11-RevB.STP"

D4522-11 HANDLE SHAFT ARM

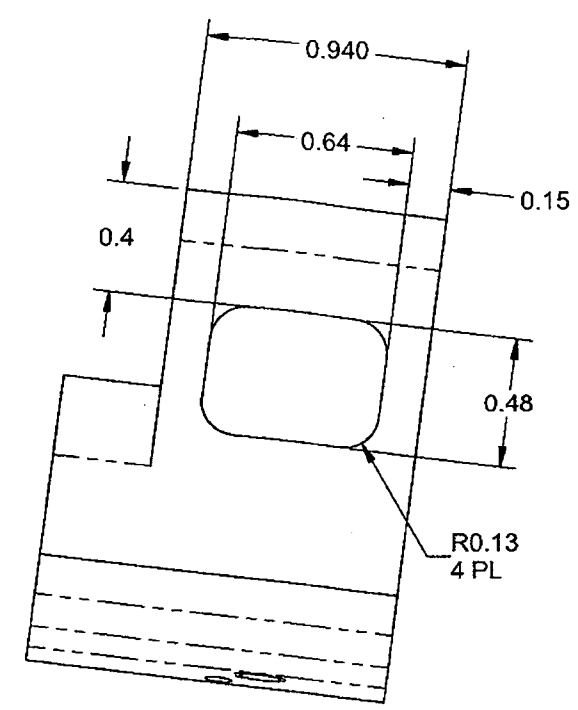
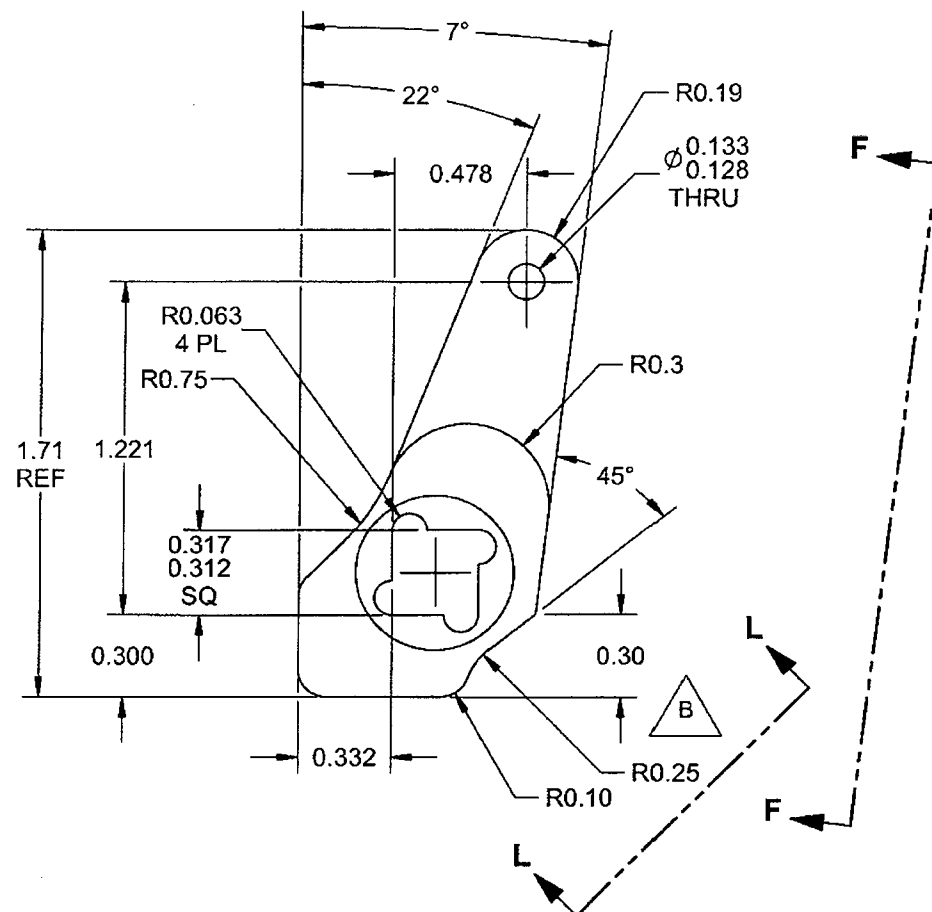
DESIGN	RP	DART AEROSPACE LTD	
DRAWN	RP	HAWKESBURY, ONTARIO, CANADA	
CHECKED	DR	DRAWING NO.	REV. B
MFG. APPR.	WJ	D4522	SHEET 14 OF 23
APPROVED	TH	TITLE	SCALE
DE APPR.		DOOR LATCH ASSY (412)	NTS
DATE	12.04.17	COPYRIGHT © 2012 BY DART AEROSPACE LTD	
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2012-06-13

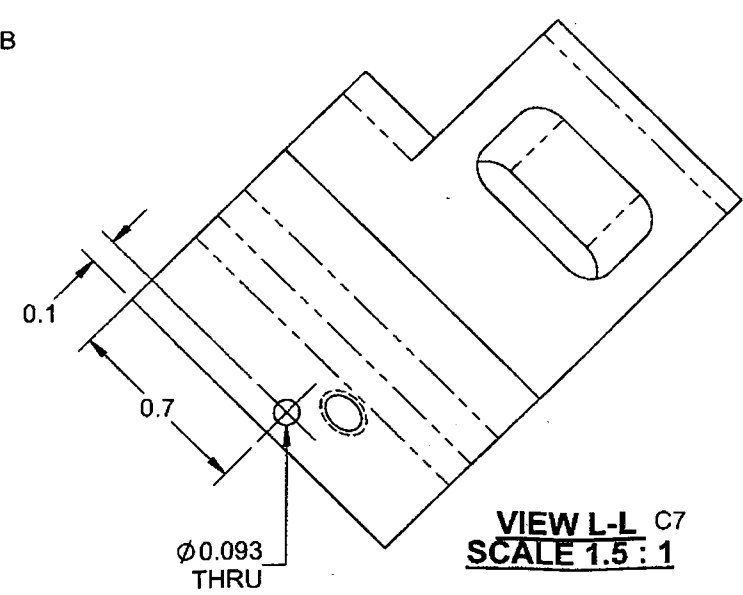
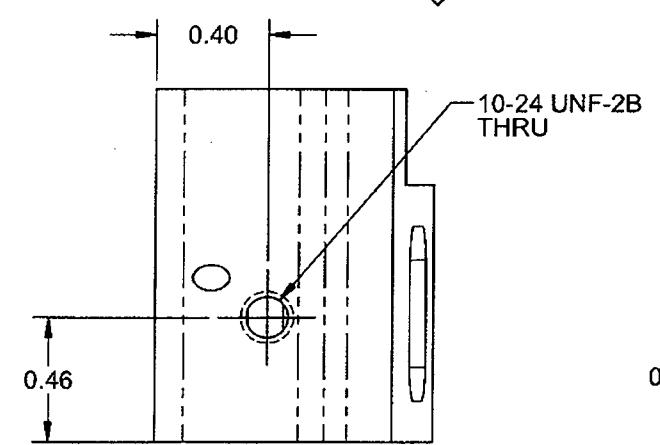
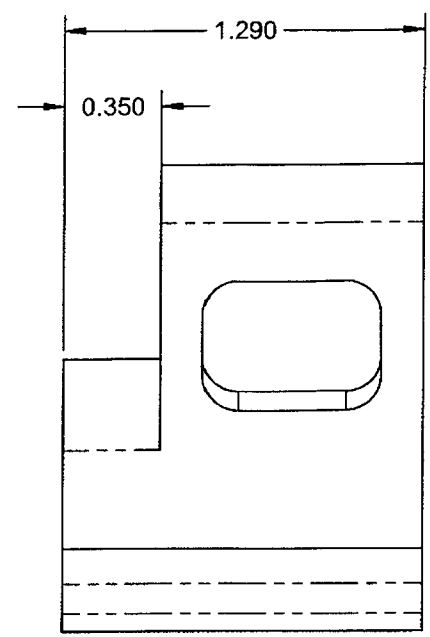
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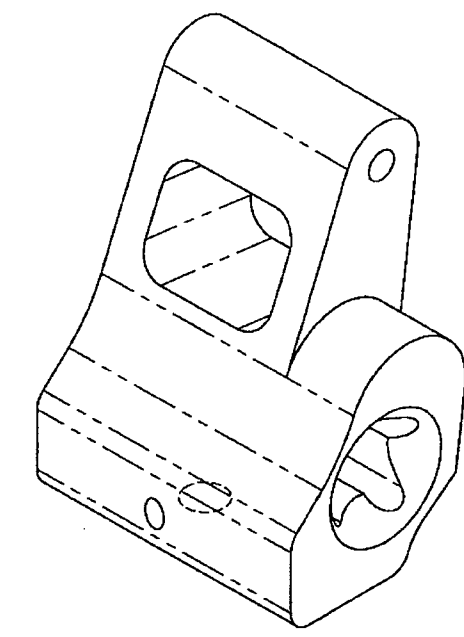
D
C
B
A



VIEW F-F C7



VIEW L-L C7
SCALE 1.5:1



NOTES:

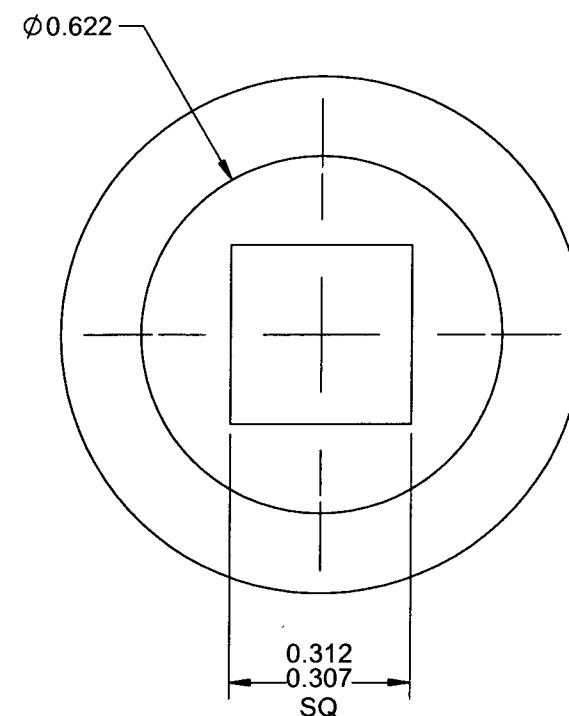
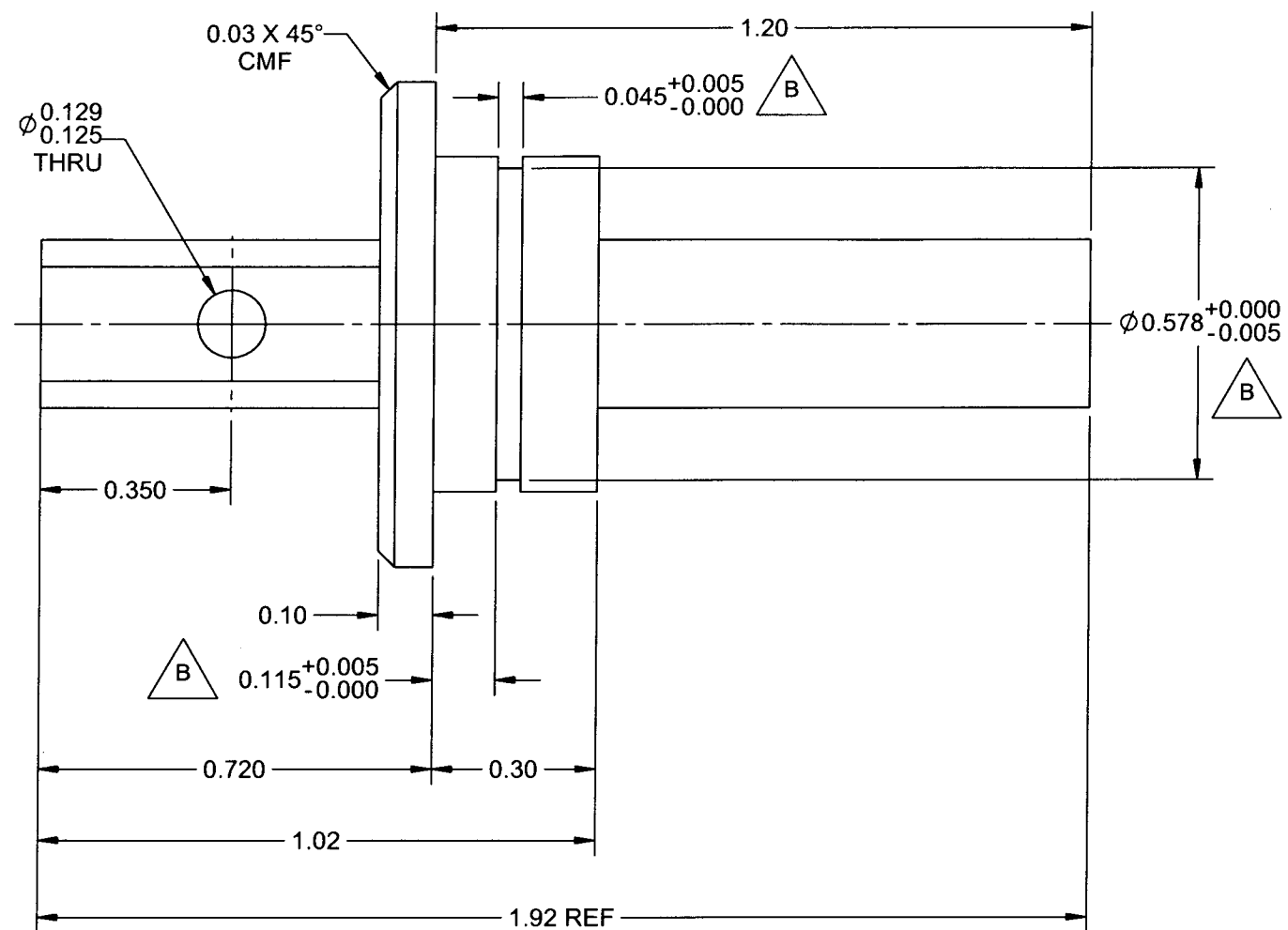
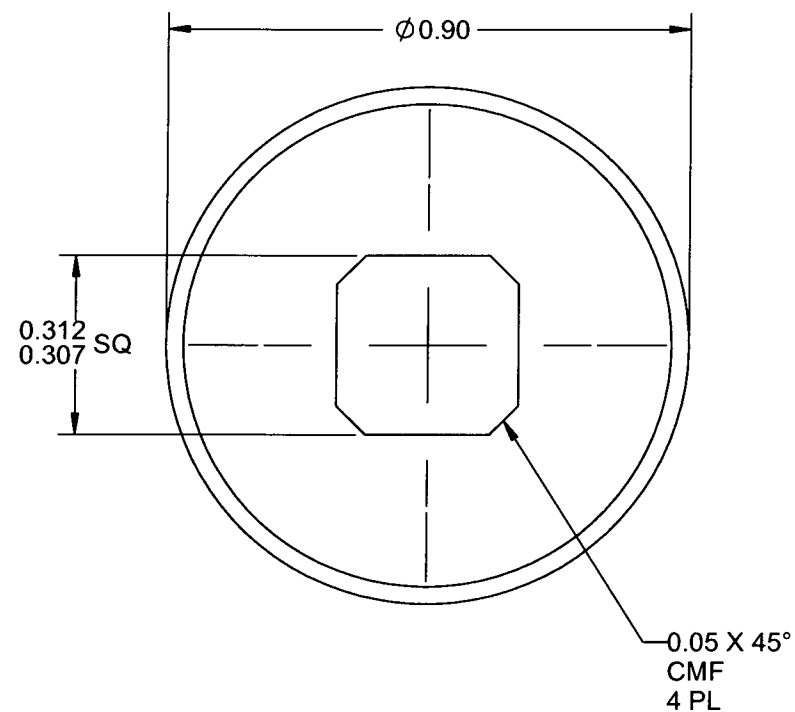
- 1) MATERIAL: AISI 303 SS BAR PER ASTM A582
REF DART SPEC M303B OR
AISI 304/316 SS BAR OR PLATE
PER ASTM A276 OR ASTM A240
REF DART SPEC M304B
- 2) FINISH: NONE
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
- 6) IDENTIFICATION: PER DART QSI 044 6.6 OR 6.7
- 7) WEIGHT: 0.14 lbs
- 8) PROFILE PER DWG FILE "D4522-12-RevB.STP"

D4522-12 HANDLE SHAFT ARM

RELEASED
2012-06-13

DESIGN	RP	DART AEROSPACE LTD	
DRAWN	RP	HAWKESBURY, ONTARIO, CANADA	
CHECKED	A.P.	DRAWING NO.	REV. B
MFG. APPR.		D4522	SHEET 15 OF 23
APPROVED		TITLE	SCALE
DE APPR.		DOOR LATCH ASSY (412)	NTS
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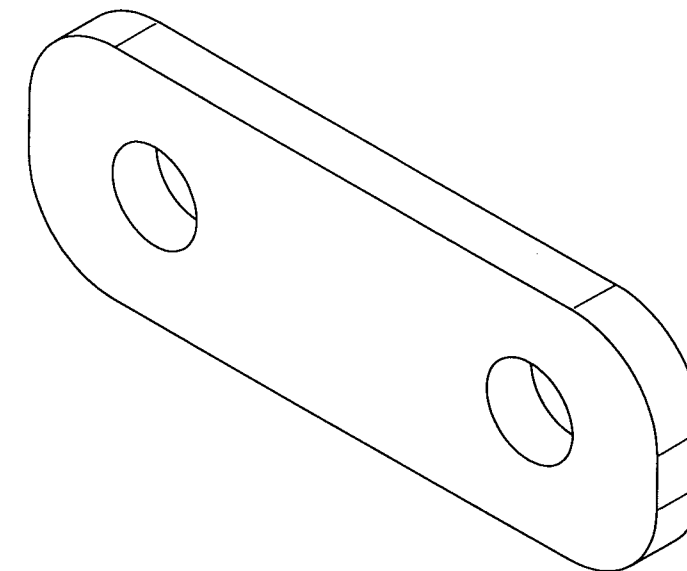
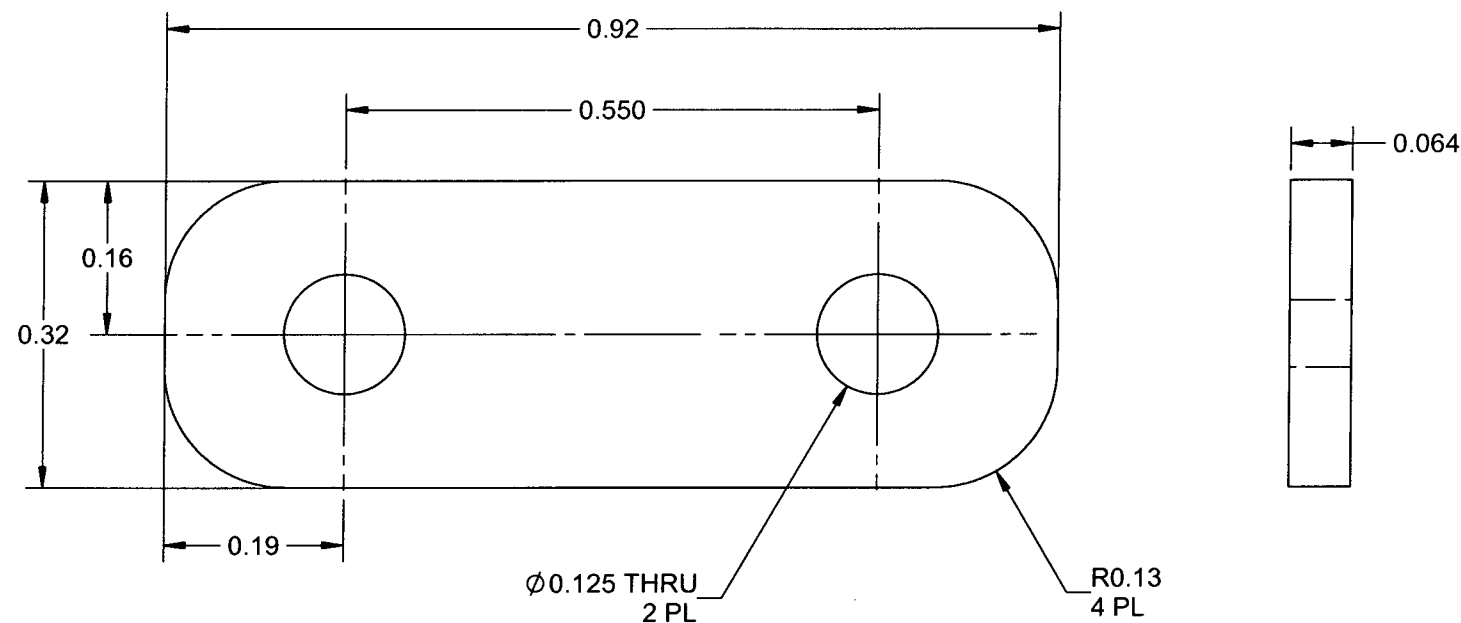
D4522-13 HANDLE SHAFT ADAPTER

NOTES:

- 1) MATERIAL: AISI 303 SS ROUND BAR PER ASTM A582
REF DART SPEC M303R1.00 OR
AISI 304/316 SS ROUND BAR PER ASTM A276
REF DART SPEC M304R1.00
- 2) FINISH: N/A
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
- 6) IDENTIFICATION: PER DART QSI 044 6.6
- 7) WEIGHT: 0.08 lbs

DESIGN	RP	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWN	RP		
CHECKED	RP	DRAWING NO.	REV. B
MFG. APPR.	RP	D4522	SHEET 16 OF 23
APPROVED	RP	TITLE	SCALE
DE APPR.	RP	DOOR LATCH ASSY (412)	NTS
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2012-06-13



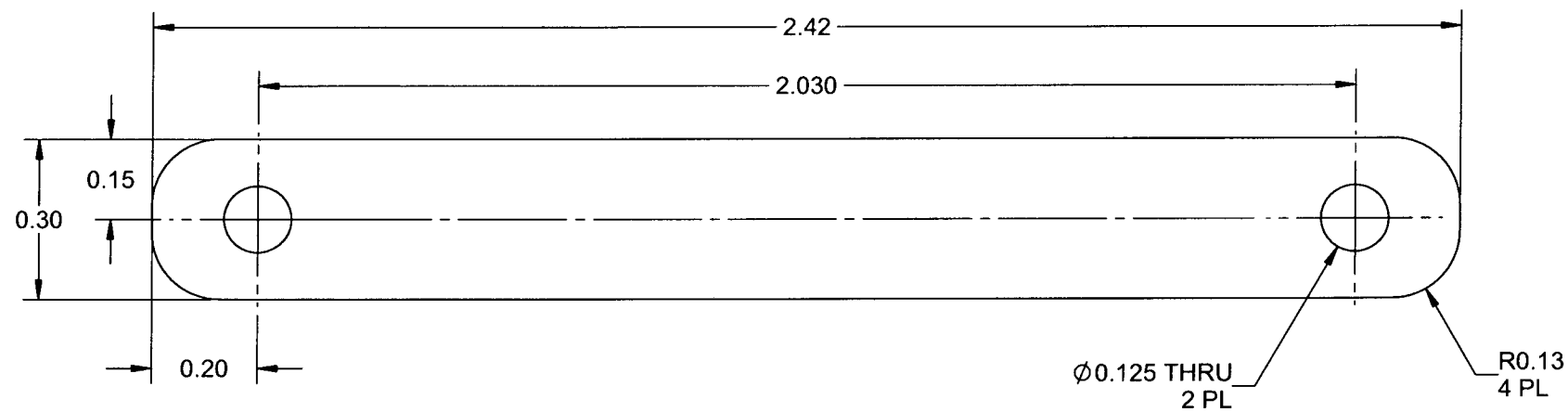
D4522-17 LINKAGE

RELEASED
2012-06-13

NOTES:

- 1) MATERIAL: AISI 304/316 SS SHEET, ANNEALED, 2B FINISH
REF DART SPEC M304S16GA
- 2) FINISH: NONE
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
- 6) IDENTIFICATION: PER DART QSI 044 6.6 OR 6.7
- 7) WEIGHT: 0.01 lbs

DESIGN	RP	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWN	RP		
CHECKED	<i>[Signature]</i>	DRAWING NO. D4522	REV. B
MFG. APPR.	<i>[Signature]</i>	SHEET 17 OF 23	
APPROVED	<i>[Signature]</i>	TITLE DOOR LATCH ASSY (412)	SCALE NTS
DE APPR.	<i>[Signature]</i>	<small>COPYRIGHT © 2012 BY DART AEROSPACE LTD THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.</small>	
DATE	12.04.17		



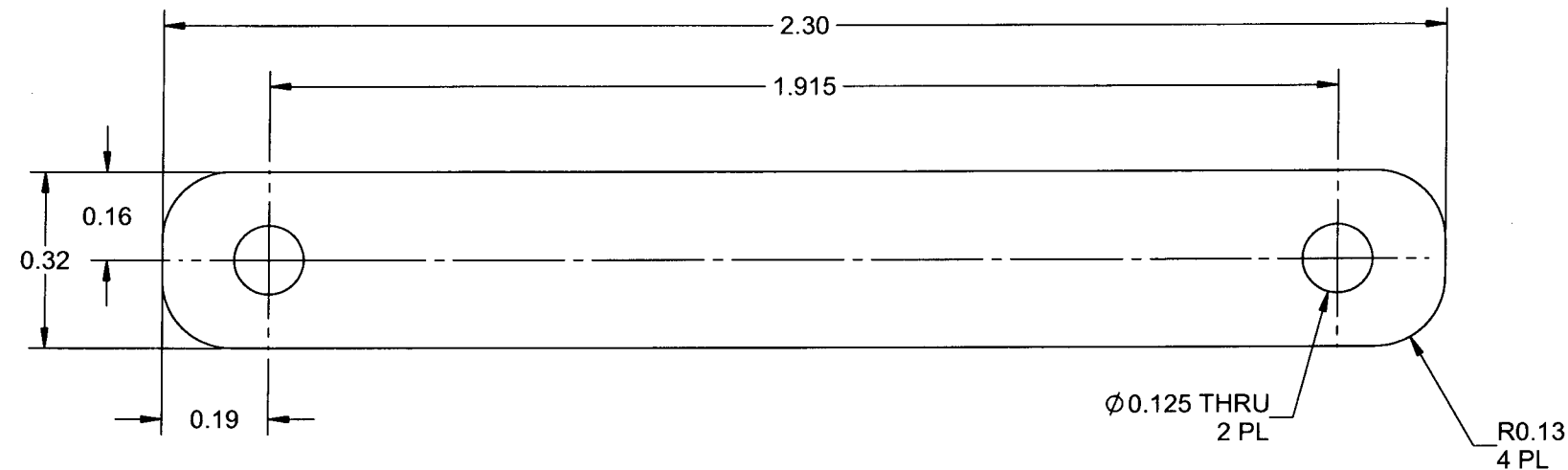
D4522-19 LINKAGE

RELEASED
2012-06-13

NOTES:

- 1) MATERIAL: AISI 304/316 SS SHEET, ANNEALED, 2B FINISH
REF DART SPEC M304S16GA
- 2) FINISH: NONE
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
- 6) IDENTIFICATION: PER DART QSI.044 6.6 OR 6.7
- 7) WEIGHT: 0.01 lbs

DESIGN	RP	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWN	RP		
CHECKED	<i>[Signature]</i>	DRAWING NO.	REV. B
MFG. APPR.	<i>[Signature]</i>	D4522	SHEET 18 OF 23
APPROVED	<i>[Signature]</i>	TITLE	SCALE
DE APPR.	<i>[Signature]</i>	DOOR LATCH ASSY (412)	NTS
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D4522-21 LINKAGE

RELEASED
2012-06-13
MD

NOTES:

- 1) MATERIAL: AISI 304/316 SS SHEET, ANNEALED, 2B FINISH
REF DART SPEC M304S12GA
- 2) FINISH: NONE
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
- 6) IDENTIFICATION: PER DART QSI 044.6.6 OR 6.7
- 7) WEIGHT: 0.02 lbs

DESIGN	RP	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWN	RP		
CHECKED	<i>CP</i>	DRAWING NO. D4522	REV. B
MFG. APPR.	<i>[Signature]</i>	SHEET 19 OF 23	
APPROVED	<i>[Signature]</i>	TITLE DOOR LATCH ASSY (412)	SCALE NTS
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DATE	12.04.17		

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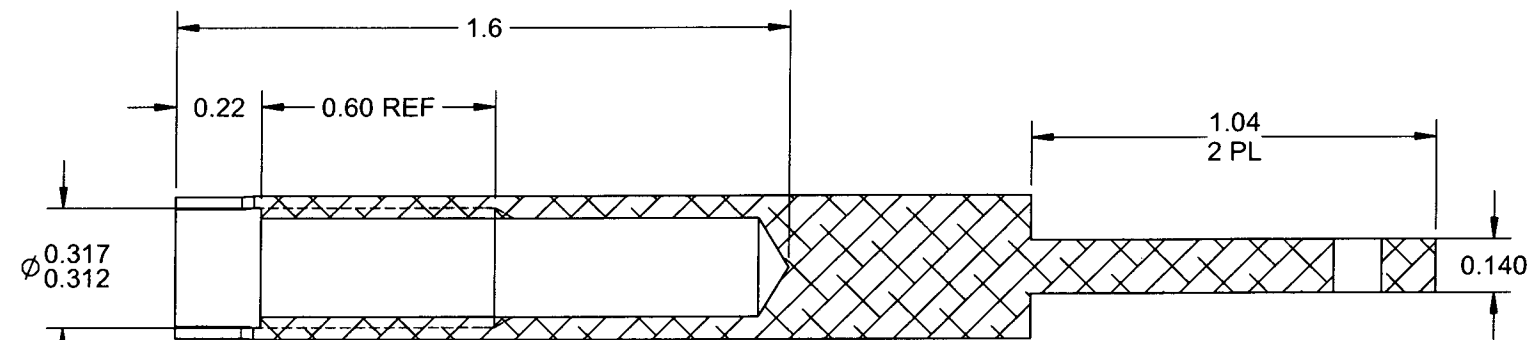
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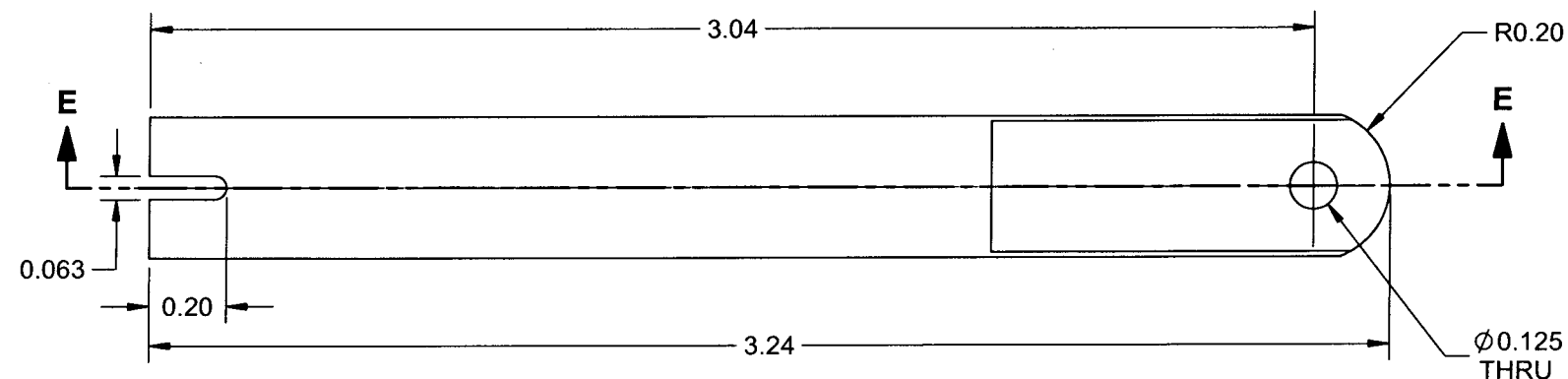
A

5/16-18 UNC-2B
0.60 DP

Ø 0.375
Ø 0.370



SECTION E-E



D4522-25 LATCH SHAFT

RELEASED
2012-06-13

NOTES:

- 1) MATERIAL: AISI 303 SS ROUND BAR PER ASTM A582
REF DART SPEC M303B OR
AISI 304/316 SS ROUND BAR PER ASTM A276
REF DART SPEC M304R
- 2) FINISH: NONE
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
- 6) IDENTIFICATION: PER DART-QSI-044-6.6 OR 6.7
- 7) WEIGHT: N/A

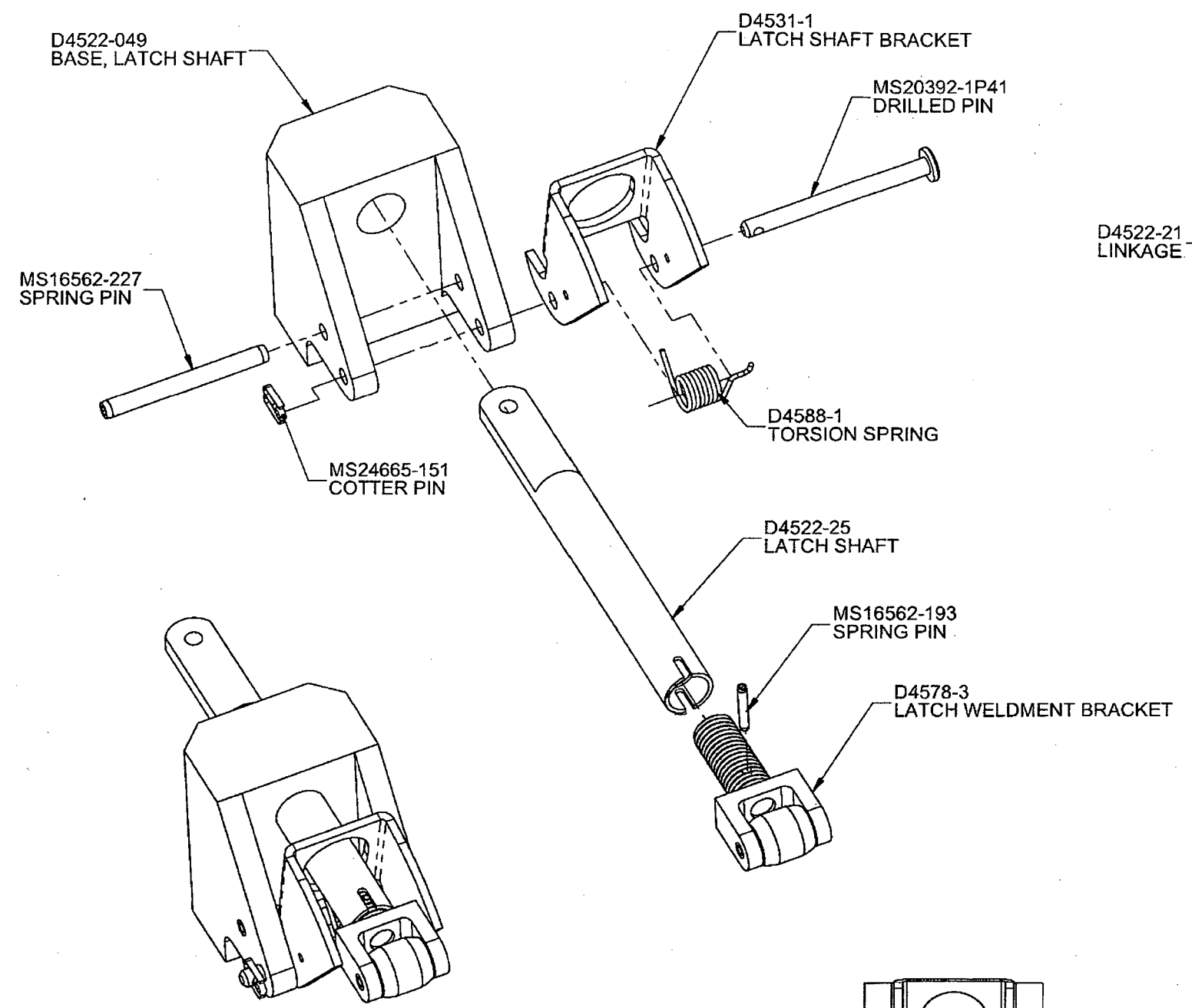
DESIGN	RP	DART AEROSPACE LTD	
DRAWN	RP	HAWKESBURY, ONTARIO, CANADA	
CHECKED	UP	DRAWING NO.	REV. B
MFG. APPR.		D4522	SHEET 20 OF 23
APPROVED		TITLE	SCALE
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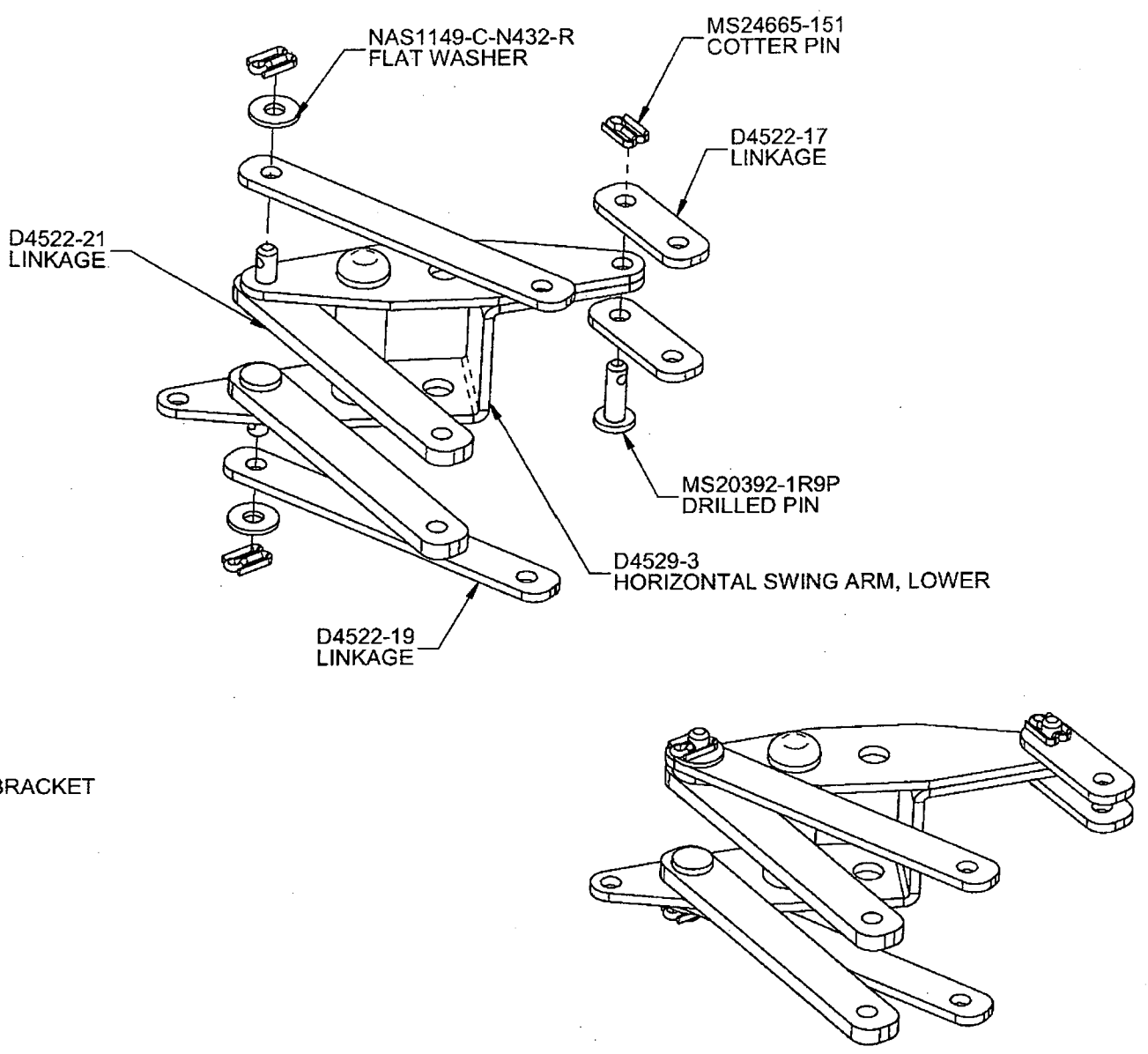
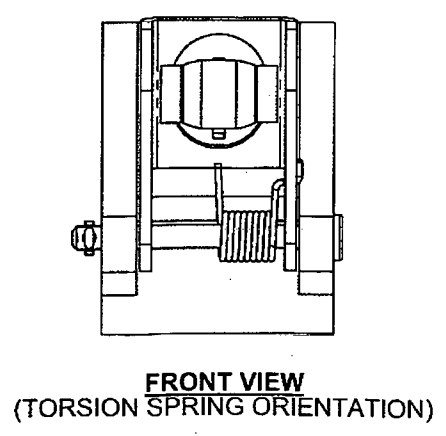
8 7 6 5 4 3 2 1

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A



RECOMMENDED ASSEMBLY DETAIL #1
(LATCH SUB-ASSEMBLY)

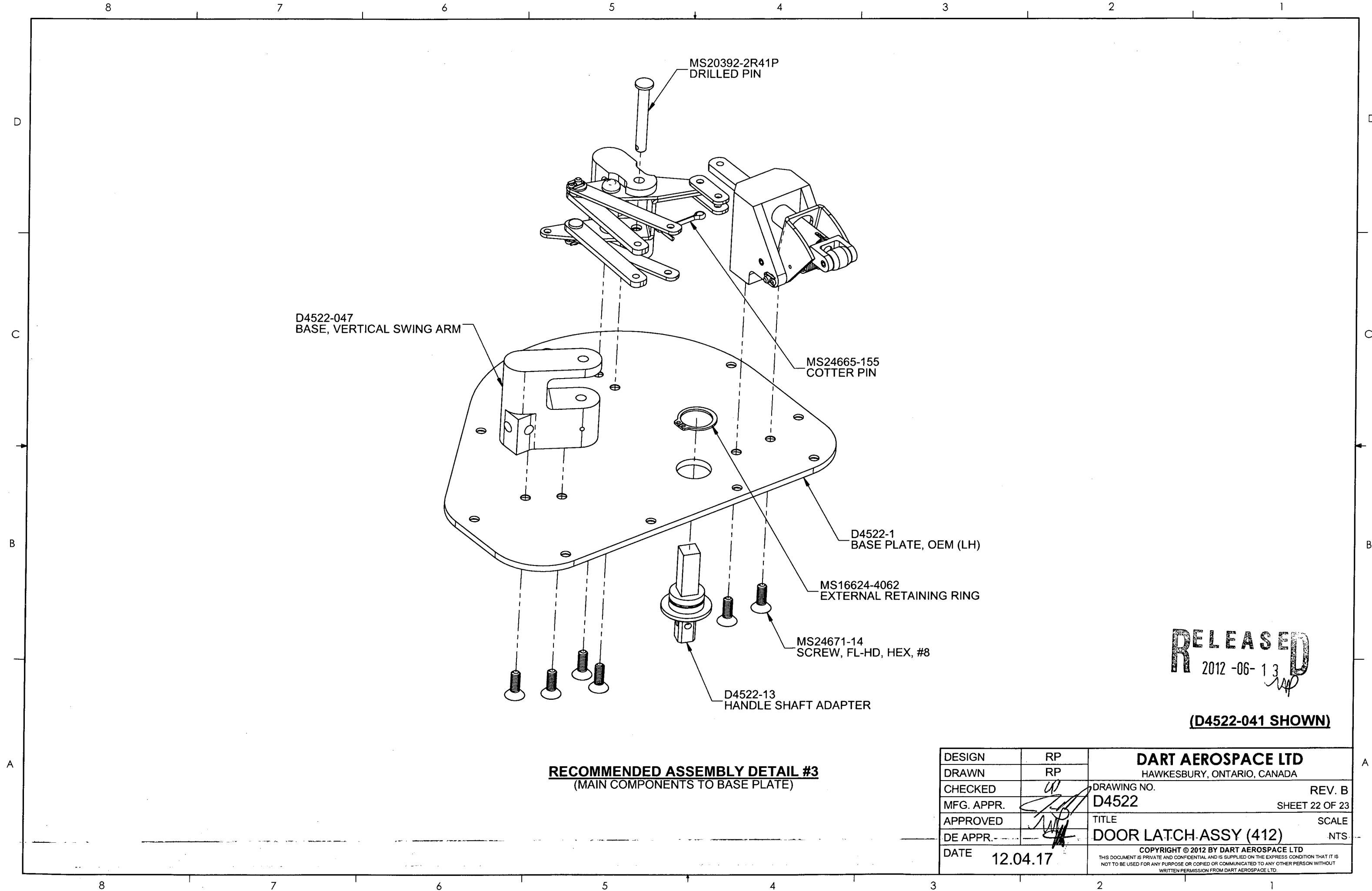


RECOMMENDED ASSEMBLY DETAIL #2
(LINKAGE SUB-ASSEMBLY)

RELEASED
2012-06-13

DESIGN	RP	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWN	RP		
CHECKED	AP	DRAWING NO.	REV. B
MFG. APPR.	AP	D4522	SHEET 21 OF 23
APPROVED	AP	TITLE	SCALE
DE APPR.	AP	DOOR LATCH ASSY (412)	NTS
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8 7 6 5 4 3 2 1

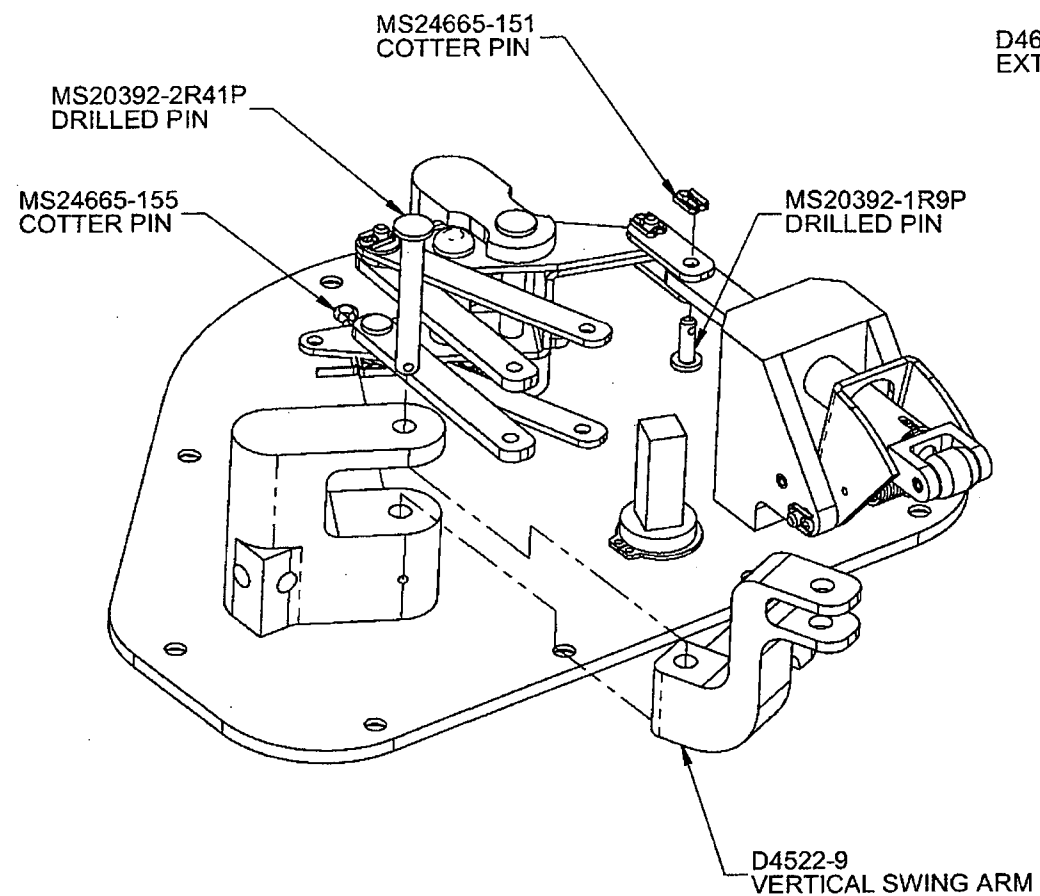


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2012-06-13

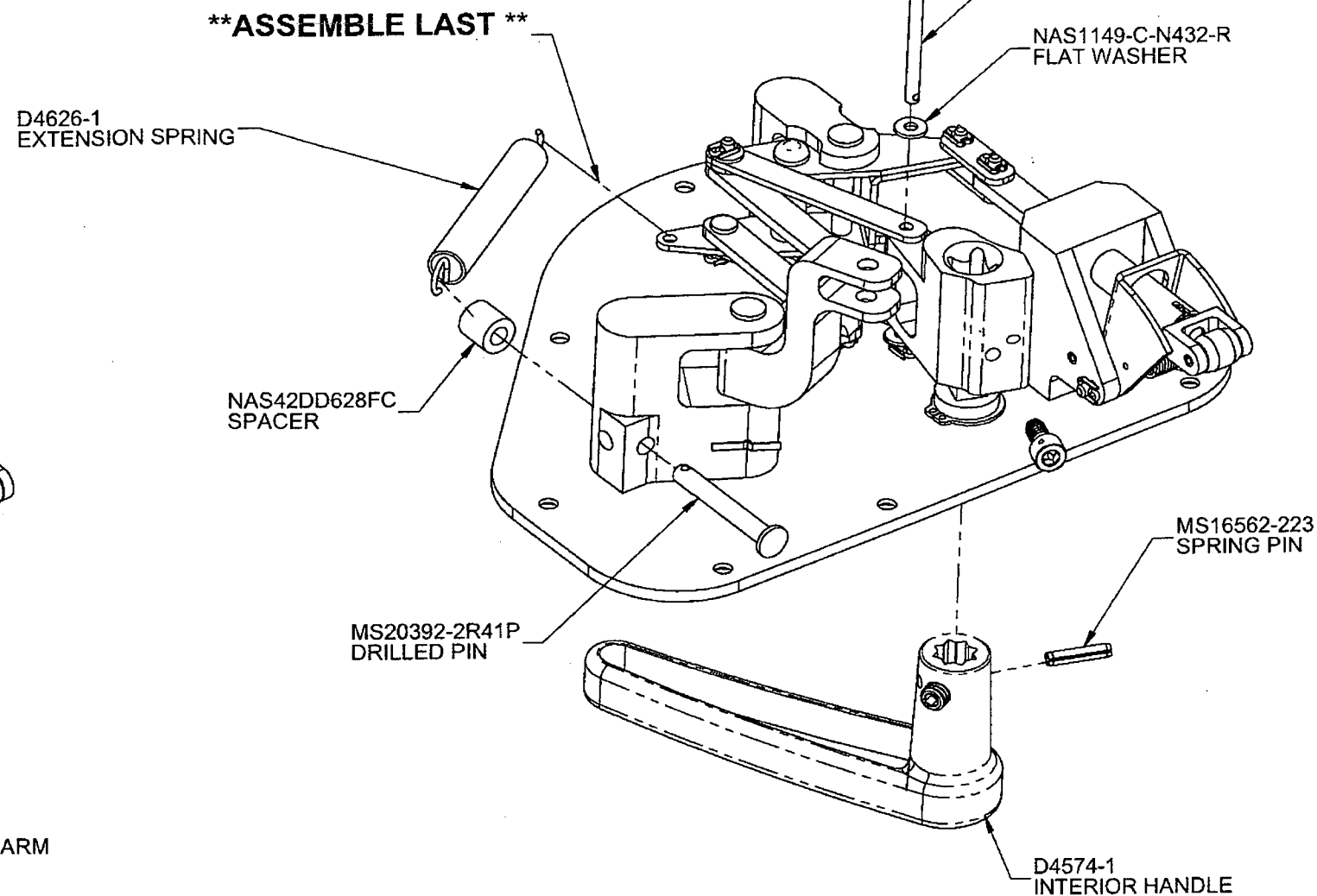
(D4522-041 SHOWN)

RECOMMENDED ASSEMBLY DETAIL #3
(MAIN COMPONENTS TO BASE PLATE)

DESIGN	RP	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWN	RP		
CHECKED	<i>[Signature]</i>	DRAWING NO. D4522	REV. B
MFG. APPR.	<i>[Signature]</i>		SHEET 22 OF 23
APPROVED	<i>[Signature]</i>	TITLE DOOR LATCH ASSY (412)	SCALE NTS
DE APPR.			
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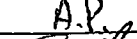
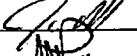


RECOMMENDED ASSEMBLY DETAIL #4
(VERTICAL SWING ARM, TENSION SPRING, LATCH LINKAGE)



RECOMMENDED ASSEMBLY DETAIL #5
(HORIZ SWING ARM & HANDLE)

RELEASED
2012-06-13
(D4522-041 SHOWN)

DESIGN	RP	DART AEROSPACE LTD	
DRAWN	RP	HAWKESBURY, ONTARIO, CANADA	
CHECKED	A.P.	DRAWING NO.	REV. B
MFG. APPR.		D4522	SHEET 23 OF 23
APPROVED		TITLE	SCALE
DE APPR.		DOOR LATCH ASSY (412)	NTS
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